



Archer Site Solution

COAXIAL SYSTEM

PROSE

Who We Are

Rosenberger Hochfrequenztechnik GmbH & Co. was founded in Germany in 1958 and ranks among the leading manufacturers of high-speed interconnect solutions worldwide. With its long tradition of excellence and innovation, Rosenberger has excelled and earned an outstanding reputation all over the world.

In early 2022 the Rosenberger Group announced the restructure of its antenna and coverage solution product portfolio with a new brand entity PROSE. The strategic focus of PROSE will be on the development of base station antennas, microwave antennas, indoor and outdoor coverage solutions, Open RAN sub-systems, data center, cabling system, IoT solutions, Automotive and related services.

As an independent entity, PROSE, with its lean, agile, and decentralized organizational structure, will be better placed to serve global customers and manage growth by bringing new technologies and solutions, aligned with the changing needs of customers in the telecom industry. The PROSE product portfolio will uphold Rosenberger’s tradition of the highest innovation and quality while delivering improved technology expertise and enhanced local customer support around the globe.

PROSE consists of more than 3500 people, with 40+ subsidiaries sales/service offices, 4 factories, and 7 R&D centers covering mainly North America, Europe, the Middle East, Africa, and Asia. It will continue to serve more than 100 operators/service providers worldwide including a wide set of customized solutions for 5G deployments.

PROSE is an ISO 9001 quality system and ISO 14001 environmental system certified company. Equipped with advanced machinery, automatically assembly, and testing centers supported by a large group of more than 400 R&D engineers, state-of-the-art production assembly lines, and stringent product and quality control.

PROSE’s reliability and competitiveness are the cornerstones of this sustainable growth, which have resulted in long-term partnerships with most of the leading companies in their respective industries. PROSE will continue to provide excellent product solutions and services for its customers around the world.



A: Suzhou, China
B: Pune, India
C: New Jersey, USA
D: New South Wales, Australia

Mission

- Customer always comes first
- Drive innovation together with and for our customers
- Maintain a secure, humane and happy environment for our employees
- Develop our employees by investing in their education
- Take social responsibility
- Protect our environment with ecologically friendly products, production and processes

Core Value

- Value Innovation
- Customer Focus
- Sustainable Growth
- Social Responsibility



Products & Services

Archer Site Accessories	RF Coaxial Products Power Products Fiber Products Hybrid Cable Solution Installation Material
BTS Antennas	Single-MultiBand Antennas Multibeam Antennas Beamforming Antennas Small Cell Antennas High Efficiency BSA (PROTREEM) 5G Massive MIMO Antennas Camouflage Products
Network Systems	Combiner Unit Master Unit Extended Unit Low Power Remote Unit (LPRU) High Power Remote Unit (HPRU)-Cabinet 4G High Power Remote Unit (HPRU)-Cabinet 5G High Power Remote Unit (HPRU)-Blade 4G High Power Remote Unit (HPRU)-Blade 5G Medium Power Remote Unit (MPRU) Passive DAS Components
Microwave Products	Class 3 Series Class 4 Series E-Band Series Dual-Band Series Microwave Components
O-RAN Radios	ORAN Radio Unit (ORU) Digital Control Unit (DCU) Small Cell
Digital World Products	Automatic Infrastructure Management System Building Cabling System Data Center Cabling System Edge Computing Data Center Modular Data Center MDC Cloud Management Platform
Filter Solutions	Interference Mitigation Filters Embedded Filters Site Combiners

Contents

Common Nouns	9
Coaxial Feeder Cable	10
1/4" Coaxial Cable	11
1/4" super flexible coaxial cable	11
1/4" flexible coaxial cable	12
3/8" Coaxial Cable	13
3/8" super flexible coaxial cable	13
3/8" flexible coaxial cable	14
1/2" Coaxial Cable	15
1/2" super flexible coaxial cable	15
1/2" flexible coaxial cable, low loss	16
7/8" Coaxial Cable	17
7/8" coaxial cable, regular	17
7/8" flexible coaxial cable, low loss	18
1 1/4" Coaxial Cable	19
1 1/4" flexible coaxial cable, regular	19
1 1/4" flexible coaxial cable, low loss	20
1 5/8" Coaxial Cable	21
1 5/8" flexible coaxial cable, regular	21
1 5/8" flexible coaxial cable, low loss	22
RG Cable	23
RG6 coaxial cable	23
RG8 coaxial cable	24
RG11 coaxial cable	25
RG58 coaxial cable	26
RG142 coaxial cable	27
RG213 coaxial cable	28
RG223 coaxial cable	29
Plenum Rated Coaxial Cable	30
Aluminum coaxial cable	30
Copper coaxial cable	31
Air Dielectric Cable	32
1 5/8" coaxial cable	32
3 1/8" coaxial cable	33
5" coaxial cable	34
Radiation Coaxial Cable	35
1/2" Radiation Leaky Cable	36
1/2" radiation leaky cable (D)	36
1/2" radiation leaky cable (C)	37
1/2" radiation leaky cable (H)	38
7/8" Radiation Leaky Cable	39
7/8" radiation leaky cable (D)	39
7/8" radiation leaky cable (C)	40
7/8" radiation leaky cable (H)	41
1 1/4" Radiation Leaky Cable	42
1 1/4" radiation leaky cable (D)	42
1 1/4" radiation leaky cable (C)	43
1 1/4" radiation leaky cable (H)	44



1 5/8" Radiation Leaky Cable	45
1 5/8" radiation leaky cable (D)	45
1 5/8" radiation leaky cable (C)	46
Coaxial Cable Connectors	47
Coaxial Feeder Cable Connectors	48
RC2 series, 1/2R and 7/8R connectors	49
RC3TB series, 1/2R and 7/8R connectors	49
RCP series, 1/2R and 7/8R connectors	49
RC2 series, 1/4S, 3/8S, 1/2S connectors	50
RC2 series, 1 1/4R, 1 5/8R connectors	50
Coaxial RG cable connectors	50
Coaxial Radiation Cable Connectors	51
Coaxial Cable Adapter	51
Coaxial Cable Lightening Arrester	51
Coaxial Cable DC Block	51
The Compatibility of the Coaxial Cable & Connector	52
Coaxial Jumper	53
Single Jumper	54
Cluster Jumper	55
RF Jumper: Intermediate Frequency	56
Feeder System Installation Material	57
Cable Clamp	58
Feeder clamp: single hole & double hole	58
Feeder clamp: hose clamp	59
Fiber and power cable clamp	60
Radiation cable clamp	61
Clamp Accessories	62
Hoisting Grip	64
Hoisting grip kit (pre-laced)	64
Cable Entry	65
Cable entry: boot	65
Cable entry: plate	66
Cable entry set	67
Cable Gland	68
Grounding Kit	70
Grounding kit for coaxial cable	70
Grounding kit for outdoor power cable	71
Weatherproof Kit	72
Weatherproof tapes	72
PVC tape	72
Mastic rubber tape	72
Weatherproof tape set	73
Weatherproof enclosure	73
Cold shrink tube	74

Integrated Service	76
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Archer Site Installation Products (ASIP)

The Archer portfolio includes a variety of specialties in the B-to-B distribution of cutting-edge telecom products and solutions.

A wide product range:

- Coaxial feeder cable
- Coaxial jumper
- Coaxial connector and adapter
- Coaxial feeder system installation materials
- Kitting service
- Warehousing/VMI service
- Customized products/solutions

We select the Archer products and technical solutions offered by manufacturers that are best suited to local customer needs. Depending on the country, we can make anywhere from 25,000 to 100,000 products available to customers in the right place, at the right time.

From product to solution

Drawing on the equipment expertise of our staff, we combine the best products in order to offer solutions that meet our customers’ specifications and the needs of end-users.

Service

Every day in countries where we operate, we do everything to be more than just a telecom material provider/distributor. We strive to create and sustain a relationship in which each customer is our partner. With the backing of our multi-channel sourcing network and our powerful logistics, we are able to optimize the supply chain, offer competitive prices and bring innovative and tailored responses to the table.

Common Nouns

RF: Radio frequency
Feeder cable: Coaxial feeder cable
RF cable: Coaxial feeder cable
RF jumper: Coaxial feeder jumper

Cable and connector nouns

- Cable dimension**
 - C01: 1/4" flexible cable
 - C02: 3/8" super flexible cable
 - C03: 1/2" flexible cable
 - C05: 7/8" flexible cable
 - C06: 1 1/4" flexible cable
 - C07: 1 5/8" flexible cable
 - C08: 1/2" super flexible cable
 - C09: 1/4" super flexible cable
 - C10: 3/8" flexible cable
- Connectors define**
 - DM: DIN male connector
 - DF: DIN female connector
 - DMA: DIN male angled connector
 - NM: N male connector
 - NF: N female connector
 - NMA: N male angled connector
 - 43M: 4.3-10 male connector
 - 43F: 4.3-10 female connector
 - 43MA: 4.3-10 male angled connector

Coaxial Feeder Cable

- General Description**
- PROSE feeder cables feature annularly corrugated outer conductors and are mainly used for outdoor site solutions and indoor coverage solutions in RF communication systems
 - The cable is constructed with an inner conductor, foam dielectric, outer conductor and protective jacket
 - Use of high-quality copper and a unique argon welding process ensures superior quantity and outstanding electrical and mechanical performance
 - PROSE offers a complete line of low loss coaxial cable from 1/4" to 1-5/8" to meet a wide variety of applications. Through its global sales network, PROSE has convenient and flexible delivery options to meet the needs of global customers
- Features and Benefits**
- Designed to provide low loss, VSWR, and exceptional 3rd order PIM performance
 - A variety of options to use outdoor PE and fire-retardant jacket, constricted to ensure long term operation, in all environments



1/4" Coaxial Cable

1/4" super flexible coaxial cable



Material		Typical Performance	
Inner conductor	Copper-Clad Aluminum wire	Impedance	
Dielectric material	Foam PE	Impedance	50±1Ω
Outer conductor	Corrugated copper (Helical)		
Jacket	Black PE, Halogen free / FRNC	Return loss	
		≤ -26.0 dB	800 to 1000MHz
		≤ -24.0 dB	1700 to 2700MHz
		≤ -21.0 dB	3300 to 5000MHz
		≤ -17.69dB	5000 to 6000MHz
		Intermodulation 3rd	
		≤ -160dBc	@1800MHz, 2x43dBm

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	13.10	3.99	0.52
800	17.50	5.33	0.39
900	18.50	5.64	0.36
1800	26.90	8.20	0.25
2000	28.50	8.69	0.23
2200	30.20	9.20	0.22
2500	32.30	9.85	0.21
2700	33.70	10.27	0.20
3000	35.70	10.88	0.19
3500	39.10	11.92	0.18
4000	42.20	12.86	0.16
5000	48.00	14.63	0.14
6000	53.40	16.28	0.12
Typical value guarantee ±5%			

Standard Conditions
Attenuation, ambient temperature 20°C
Average power, ambient temperature 40°C
Average power, inner conductor temperature 100°C
UL1581 or IEC60068-2-5 for UV resistance at Black PE jacket
IEC 60332-1-2, 60754-1/-2, 61034-2 for Black FRNC jacket

Order List	
PSC50E-14CB	Feeder cable 1/4" super flexible, black PE jacket
PSC50FR-14CB	Feeder cable 1/4" super flexible, black FRNC jacket
PSC50FR-14CBBA	Feeder cable 1/4" super flexible, black FRNC jacket, CPR B2ca-s1a,d0,a1
PSC50E-14A	Feeder cable 1/4" super flexible, black PE jacket, normal standard
PSC50FR-14A	Feeder cable 1/4" super flexible, black FRNC jacket, normal standard

1/4" flexible coaxial cable



Material		Typical Performance	
Inner conductor	Copper-Clad Aluminum wire	Impedance	
Dielectric material	Foam PE	Impedance	50±1Ω
Outer conductor	Corrugated copper (Annularly)		
Jacket	Black PE, Halogen free / FRNC	Return loss	
		≤ -26.0 dB	800 to 1000MHz
		≤ -24.0 dB	1700 to 2700MHz
		≤ -21.0 dB	3300 to 5000MHz
		≤ -17.69dB	5000 to 6000MHz
		Intermodulation 3rd	
		≤ -160dBc	@1800MHz, 2x43dBm

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	9.14	2.79	0.80
800	12.70	3.87	0.59
900	13.30	4.05	0.55
1800	19.50	5.94	0.38
2000	20.60	6.28	0.36
2200	21.80	6.64	0.34
2500	23.40	7.13	0.33
2700	24.70	7.53	0.32
3000	26.10	7.96	0.30
3500	28.00	8.53	0.27
4000	31.00	9.45	0.24
5000	36.80	11.22	0.21
6000	40.00	12.19	0.18
Typical value guarantee ±5%			

Standard Conditions
Attenuation, ambient temperature 20°C
Average power, ambient temperature 40°C
Average power, inner conductor temperature 100°C
UL1581 or IEC60068-2-5 for UV resistance at Black PE jacket
IEC 60332-1-2, 60754-1/-2, 61034-2 for Black FRNC jacket

Order List	
PFC50E-14CB	Feeder cable 1/4" flexible, black PE jacket
PFC50FR-14CB	Feeder cable 1/4" flexible, black FRNC jacket
PFC50FR-14CBBA	Feeder cable 1/4" flexible, black FRNC jacket, CPR B2ca-s1a,d0,a1
PFC50E-14A	Feeder cable 1/4" flexible, black PE jacket, normal standard
PFC50FR-14A	Feeder cable 1/4" flexible, black FRNC jacket, normal standard

3/8" Coaxial Cable

3/8" super flexible coaxial cable



Material		Typical Performance	
Inner conductor	Copper-Clad Aluminum wire	Impedance	
Dielectric material	Foam PE	Impedance	50±1Ω
Outer conductor	Corrugated copper (Helical)		
Jacket	Black PE, Halogen free / FRNC	Return loss	
		≤ -26.0 dB	800 to 1000MHz
		≤ -24.0 dB	1700 to 2700MHz
		≤ -21.0 dB	3300 to 5000MHz
		≤ -17.69dB	5000 to 6000MHz
		Intermodulation 3rd	
		≤ -160dBc	@1800MHz, 2x43dBm

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	8.73	2.66	0.86
800	12.10	3.69	0.63
900	12.70	3.87	0.59
1800	18.4	5.61	0.41
2000	19.5	5.94	0.38
2200	20.50	6.25	0.36
2500	22.10	6.74	0.35
2700	24.30	7.41	0.33
3000	24.70	7.53	0.31
3500	28.20	8.60	0.29
4000	30.40	9.27	0.25
5000	34.60	10.55	0.22
6000	38.40	11.70	0.19
Typical value guarantee ±5%			

Standard Conditions
Attenuation, ambient temperature 20°C
Average power, ambient temperature 40°C
Average power, inner conductor temperature 100°C
UL1581 or IEC60068-2-5 for UV resistance at Black PE jacket
IEC 60332-1-2, 60754-1/-2, 61034-2 for Black FRNC jacket

Order List	
PSC50E-38CB	Feeder cable 3/8" super flexible, black PE jacket
PSC50FR-38CB	Feeder cable 3/8" super flexible, black FRNC jacket
PSC50E-38A	Feeder cable 3/8" super flexible, black PE jacket, normal standard
PSC50FR-38A	Feeder cable 3/8" super flexible, black FRNC jacket, normal standard

3/8" flexible coaxial cable



Material		Typical Performance	
Inner conductor	Copper-Clad Aluminum wire	Impedance	
Dielectric material	Foam PE	Impedance	50±1Ω
Outer conductor	Corrugated copper (Annularly)		
Jacket	Black PE, Halogen free / FRNC	Return loss	
		≤ -26.0 dB	800 to 1000MHz
		≤ -24.0 dB	1700 to 2700MHz
		≤ -21.0 dB	3300 to 5000MHz
		≤ -17.69dB	5000 to 6000MHz
		Intermodulation 3rd	
		≤ -160dBc	@1800MHz, 2x43dBm

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	7.50	2.29	0.98
800	10.20	3.11	0.72
900	10.90	3.32	0.68
1800	16.00	4.88	0.47
2000	17.00	5.18	0.44
2200	17.60	5.36	0.42
2500	19.00	5.79	0.39
2700	19.90	6.07	0.37
3000	20.80	6.34	0.35
3500	22.70	6.92	0.32
4000	24.50	7.47	0.30
5000	28.50	8.69	0.26
6000	31.90	9.72	0.23
Typical value guarantee ±5%			

Standard Conditions
Attenuation, ambient temperature 20°C
Average power, ambient temperature 40°C
Average power, inner conductor temperature 100°C
UL1581 or IEC60068-2-5 for UV resistance at Black PE jacket
IEC 60332-1-2, IEC 60332-3-24, 60754-1/-2, 61034-2 for Black FRNC jacket

Order List	
PFC50E-38CB	Feeder cable 3/8" flexible, black PE jacket
PFC50FR-38CB	Feeder cable 3/8" flexible, black FRNC jacket
PFC50E-38A	Feeder cable 3/8" flexible, black PE jacket, normal standard
PFC50FR-38A	Feeder cable 3/8" flexible, black FRNC jacket, normal standard

1/2" Coaxial Cable

1/2" super flexible coaxial cable



Material		Typical Performance	
Inner conductor	Copper-Clad Aluminum wire	Impedance	
Dielectric material	Foam PE	Impedance	50±1Ω
Outer conductor	Corrugated copper (Helical)		
Jacket	Black PE, Halogen free / FRNC	Return loss	
		≤ -26.0 dB	800 to 1000MHz
		≤ -24.0 dB	1700 to 2700MHz
		≤ -21.0 dB	3300 to 5000MHz
		≤ -17.69dB	5000 to 6000MHz
		Intermodulation 3rd	
		≤ -160dBc	@1800MHz, 2x43dBm

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	7.20	2.19	1.38
800	10.20	3.11	1.01
900	10.70	3.26	0.95
1000	11.30	3.44	0.89
1800	15.60	4.75	0.63
2000	16.00	4.88	0.60
2200	17.30	5.27	0.56
2500	18.60	5.67	0.52
2700	19.70	6.00	0.50
3000	21.00	6.40	0.48
3500	22.10	6.74	0.46
4000	24.00	7.32	0.40
5000	26.80	8.17	0.37
6000	29.80	9.08	0.33
Typical value guarantee ±5%			

Standard Conditions
Attenuation, ambient temperature 20°C
Average power, ambient temperature 40°C
Average power, inner conductor temperature 100°C
UL1581 or IEC60068-2-5 for UV resistance at Black PE jacket
IEC 60332-1-2, 60754-1/-2, 61034-2 for Black FRNC jacket

Order List	
PSC50E-12CB	Feeder cable 1/2" super flexible, black PE jacket
PSC50FR-12CB	Feeder cable 1/2" super flexible, black FRNC jacket
PSC50FR-12CBBA	Feeder cable 1/2" super flexible, black FRNC jacket, CPR B2ca-s1a,d0,a1
PSC50E-12A	Feeder cable 1/2" super flexible, black PE jacket, normal standard
PSC50FR-12A	Feeder cable 1/2" super flexible, black FRNC jacket, normal standard

1/2" flexible coaxial cable, low loss



Material		Typical Performance	
Inner conductor	Copper-Clad Aluminum wire	Impedance	
Dielectric material	Foam PE	Impedance	50±1Ω
Outer conductor	Corrugated copper (Annularly)		
Jacket	Black PE, Halogen free / FRNC	Return loss	
		≤ -26.0 dB	800 to 1000MHz
		≤ -24.0 dB	1700 to 2700MHz
		≤ -23.0 dB	3300 to 5000MHz
		≤ -18.0dB	5000 to 6000MHz
		Intermodulation 3rd	
		≤ -160dBc	@1800MHz, 2x43dBm

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	4.7	1.43	1.75
800	6.35	1.94	1.33
900	6.75	2.06	1.25
1800	9.90	3.02	0.86
2000	10.50	3.20	0.81
2200	11.10	3.38	0.77
2500	11.95	3.64	0.73
2700	12.47	3.80	0.69
3000	13.20	4.02	0.65
3500	14.65	4.47	0.58
4000	15.76	4.80	0.50
5000	18.20	5.55	0.46
6000	20.45	6.23	0.37
Typical value guarantee ±5%			

Standard Conditions
Attenuation, ambient temperature 20°C
Average power, ambient temperature 40°C
Average power, inner conductor temperature 100°C
UL1581 or IEC60068-2-5 for UV resistance at Black PE jacket
IEC 60332-1-2, 60754-1/-2, 61034-2 for Black FRNC jacket

Order List	
PFC50E-12CB	Feeder cable 1/2" flexible, black PE jacket
PFC50FR-12CB	Feeder cable 1/2" flexible, black FRNC jacket
PFC50FR-12A2BA	Feeder cable 1/2" flexible, black FRNC jacket, CPR B2ca-s1a,d0,a1
PFC50E-12A	Feeder cable 1/2" flexible, black PE jacket, normal standard
PFC50FR-12A	Feeder cable 1/2" flexible, black FRNC jacket, normal standard

7/8" Coaxial Cable

7/8" coaxial cable, regular



Material		Typical Performance	
Inner conductor	Copper tube	Return loss	
Dielectric material	Foam PE	≤ -26.0 dB	800 to 1000MHz
Outer conductor	Corrugated copper (Annularly)	≤ -24.0 dB	1700 to 2200MHz
Jacket	Black PE, Halogen free / FRNC	≤ -24.0 dB	2200 to 2700MHz
		≤ -21.0 dB	3300 to 4000MHz
		≤ -20.8 dB	4400 to 5000MHz
Dimension		Intermodulation 3rd	
Inner conductor	9.0mm	≤ -160dBc	@1800MHz, 2x43dBm
Dielectric material	22.4mm		
Outer conductor	24.9mm		
Jacket	27.5mm		

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	2.64	0.80	3.73
800	3.63	1.11	2.48
900	3.86	1.18	2.34
1800	5.75	1.75	1.73
2000	6.11	1.86	1.63
2200	6.46	1.97	1.4
2500	6.95	2.12	1.33
2700	7.28	2.22	1.25
3000	7.75	2.36	1.16
3500	8.35	2.55	1.05
4000	9.09	2.77	0.99
Typical value guarantee ±5%			

Standard Conditions
Attenuation, ambient temperature 20°C
Average power, ambient temperature 40°C
Average power, inner conductor temperature 100°C
UL1581 or IEC60068-2-5 for UV resistance at Black PE jacket
IEC 60332-1-2, 60754-1/-2, 61034-2 for Black FRNC jacket

Order List	
PFC50E-78CB	Feeder cable regular 7/8" flexible, black PE jacket
PFC50FR-78CB	Feeder cable regular 7/8" flexible, black FRNC jacket
PFC50FR-78A2BA	Feeder cable regular 7/8" flexible, black FRNC jacket, CPR B2ca-s1a,d0,a1
PFC50E-78A	Feeder cable regular 7/8" flexible, black PE jacket
PFC50FR-78A	Feeder cable regular 7/8" flexible, black FRNC jacket

7/8" flexible coaxial cable, low loss



Material		Typical Performance	
Inner conductor	Copper tube	Impedance	
Dielectric material	Foam PE	Impedance	50±1Ω
Outer conductor	Corrugated copper (Annularly)	Return loss	
Jacket	Black PE, Halogen free / FRNC	≤ -26.0 dB	800 to 1000MHz
		≤ -24.0 dB	1700 to 2700MHz
		≤ -21.0 dB	3300 to 4000MHz
Dimension		Intermodulation 3rd	
Inner conductor	9.4mm	≤ -160dBc	@1800MHz, 2x43dBm
Dielectric material	22.8mm		
Outer conductor	25.4mm		
Jacket	27.8mm		

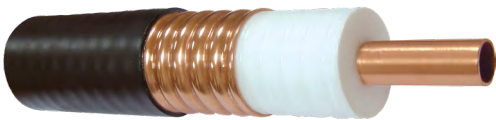
Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	2.49	0.76	3.81
800	3.42	1.04	2.75
900	3.61	1.10	2.62
1800	5.35	1.63	1.79
2000	5.62	1.71	1.70
2200	6.01	1.83	1.60
2500	6.48	1.98	1.48
2700	6.75	2.06	1.25
3000	7.20	2.19	1.17
3500	7.78	2.37	1.08
4000	8.58	2.62	0.98
Typical value guarantee ±5%			

Standard Conditions
Attenuation, ambient temperature 20°C
Average power, ambient temperature 40°C
Average power, inner conductor temperature 100°C
UL1581 or IEC60068-2-5 for UV resistance at Black PE jacket
IEC 60332-1-2, 60754-1/-2, 61034-2 for Black FRNC jacket

Order List	
PLC50E-78CB	Feeder cable low loss 7/8" flexible, black PE jacket
PLC50FR-78CB	Feeder cable low loss 7/8" flexible, black FRNC jacket
PLC50FR-78CBBA	Feeder cable low loss 7/8" flexible, black FRNC jacket, CPR B2ca-s1a,d0,a1
PLC50E-78A	Feeder cable low loss 7/8" flexible, black PE jacket, normal standard
PLC50FR-78A	Feeder cable low loss 7/8" flexible, black FRNC jacket, normal standard

1 1/4" Coaxial Cable

1 1/4" flexible coaxial cable, regular



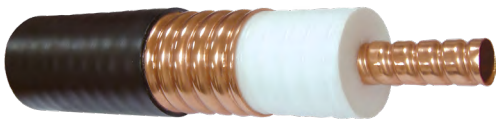
Material		Typical Performance	
Inner conductor	Copper tube	Return loss	
Dielectric material	Foam PE	≤ -24.0 dB	800 to 1000MHz
Outer conductor	Corrugated copper (Annularly)	≤ -24.0 dB	1700 to 2500MHz
Jacket	Black PE, Halogen free / FRNC	≤ -23.0 dB	2500 to 2700MHz
		≤ -21.0 dB	3300 to 3800MHz
Dimension		Intermodulation 3rd	
Inner conductor	13.1mm	≤ -160dBc	@1800MHz, 2x43dBm
Dielectric material	32.5mm		
Outer conductor	35.8mm		
Jacket	39.5mm		

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	1.83	0.56	5.40
800	2.47	0.75	4.03
900	2.64	0.80	3.73
1800	3.96	1.21	2.50
2000	4.23	1.29	2.31
2200	4.48	1.37	2.19
2500	4.84	1.48	2.03
2700	5.36	1.63	1.86
3000	5.72	1.74	1.79
3500	6.25	1.91	1.53
3600	6.41	1.95	1.51
3800	6.78	2.07	1.39
Typical value guarantee ±5%			

Standard Conditions
Attenuation, ambient temperature 20°C
Average power, ambient temperature 40°C
Average power, inner conductor temperature 100°C
UL1581 or IEC60068-2-5 for UV resistance at Black PE jacket
IEC 60332-1-2, 60754-1/-2, 61034-2 for Black FRNC jacket

Order List	
PFC50E-114CB	Feeder cable regular 1 1/4" flexible, black PE jacket
PFC50FR-114CB	Feeder cable regular 1 1/4" flexible, black FRNC jacket
PFC50E-114A	Feeder cable regular 1 1/4" flexible, black PE jacket
PFC50FR-114A	Feeder cable regular 1 1/4" flexible, black FRNC jacket

1 1/4" flexible coaxial cable, low loss



Material		Typical Performance	
Inner conductor	Corrugated copper tube	Impedance	
Dielectric material	Foam PE	Impedance	50±1Ω
Outer conductor	Corrugated copper (Annularly)	Return loss	
Jacket	Black PE, Halogen free / FRNC	≤ -24.0 dB	800 to 2200MHz
		≤ -23.0 dB	2200 to 2700MHz
		≤ -21.0 dB	3300 to 3800MHz
Dimension		Intermodulation 3rd	
Inner conductor	13.8mm	≤ -160dBc	@1800MHz, 2x43dBm
Dielectric material	33.5mm		
Outer conductor	36.0mm		
Jacket	38.6mm		

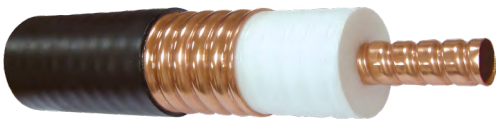
Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	1.83	0.56	5.40
800	2.47	0.75	4.03
900	2.64	0.80	3.73
1800	3.94	1.20	2.50
2000	4.19	1.28	2.31
2200	4.44	1.35	2.19
2500	4.79	1.46	2.03
2700	5.28	1.61	1.86
3000	5.34	1.63	1.79
3500	6.13	1.87	1.53
3600	6.28	1.91	1.51
3800	6.42	1.96	1.47
Typical value guarantee ±5%			

Standard Conditions
Attenuation, ambient temperature 20°C
Average power, ambient temperature 40°C
Average power, inner conductor temperature 100°C
UL1581 or IEC60068-2-5 for UV resistance at Black PE jacket
IEC 60332-1-2, 60754-1/-2, 61034-2 for Black FRNC jacket

Order List	
PLC50E-114CB	Feeder cable low loss 1 1/4" flexible, black PE jacket
PLC50FR-114CB	Feeder cable low loss 1 1/4" flexible, black FRNC jacket
PLC50FR-114ABA	Feeder cable low loss 1 1/4" flexible, black FRNC jacket, CPR B2ca-s1a,d0,a1
PLC50E-114A	Feeder cable low loss 1 1/4" flexible, black PE jacket, normal standard
PLC50FR-114A	Feeder cable low loss 1 1/4" flexible, black FRNC jacket, normal standard

1 5/8" Coaxial Cable

1 5/8" flexible coaxial cable, regular



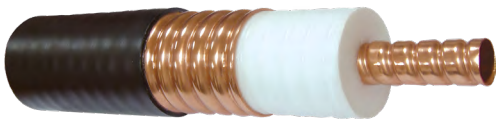
Material		Typical Performance	
Inner conductor	Corrugated copper tube	Return loss	
Dielectric material	Foam PE	≤ -24.0 dB	800 to 1000MHz
Outer conductor	Corrugated copper (Annularly)	≤ -24.0 dB	1700 to 2200MHz
Jacket	Black PE, Halogen free / FRNC	≤ -24.0 dB	2200 to 2500MHz
		≤ -21.0 dB	2500 to 2700MHz
Dimension		Intermodulation 3rd	
Inner conductor	17.3mm	≤ -160dBc	@1800MHz, 2x43dBm
Dielectric material	43.5mm		
Outer conductor	46.5mm		
Jacket	49.8mm		

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	1.53	0.47	7.45
800	2.12	0.65	5.33
900	2.28	0.69	4.97
1800	3.45	1.05	3.26
2000	3.68	1.12	3.05
2200	3.91	1.19	2.87
2500	4.24	1.29	2.64
2700	4.64	1.41	2.42
Typical value guarantee ±5%			

Standard Conditions
Attenuation, ambient temperature 20°C
Average power, ambient temperature 40°C
Average power, inner conductor temperature 100°C
UL1581 or IEC60068-2-5 for UV resistance at Black PE jacket
IEC 60332-1-2, 60754-1/-2, 61034-2 for Black FRNC jacket

Order List	
PFC50E-158CB	Feeder cable regular 1 5/8" flexible, black PE jacket
PFC50FR-158CB	Feeder cable regular 1 5/8" flexible, black FRNC jacket
PFC50E-158	Feeder cable regular 1 5/8" flexible, black PE jacket
PFC50FR-158	Feeder cable regular 1 5/8" flexible, black FRNC jacket

1 5/8" flexible coaxial cable, low loss



Material		Typical Performance	
Inner conductor	Corrugated copper tube	Impedance	
Dielectric material	Foam PE	Impedance	50±1Ω
Outer conductor	Corrugated copper (Annularly)	Return loss	
Jacket	Black PE, Halogen free / FRNC	≤ -24.0 dB	700 to 2500MHz
		≤ -21.0 dB	2500 to 2700MHz
Dimension		Intermodulation 3rd	
Inner conductor	18.0mm	≤ -160dBc	@1800MHz, 2x43dBm
Dielectric material	42.8mm		
Outer conductor	46.5mm		
Jacket	49.5mm		

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	1.51	0.46	6.29
800	2.09	0.64	4.54
900	2.24	0.68	4.24
1800	3.38	1.03	2.82
2000	3.57	1.09	2.68
2200	3.82	1.16	2.62
2500	4.11	1.25	2.34
2700	4.38	1.34	2.07
Typical value guarantee ±5%			

Standard Conditions
Attenuation, ambient temperature 20°C
Average power, ambient temperature 40°C
Average power, inner conductor temperature 100°C
UL1581 or IEC60068-2-5 for UV resistance at Black PE jacket
IEC 60332-1-2, 60754-1/-2, 61034-2 for Black FRNC jacket

Order List	
PLC50E-158CB	Feeder cable low loss 1 5/8" flexible, black PE jacket
PLC50FR-158CB	Feeder cable low loss 1 5/8" flexible, black FRNC jacket
PLC50E-158	Feeder cable low loss 1 5/8" flexible, black PE jacket, normal standard
PLC50FR-158	Feeder cable low loss 1 5/8" flexible, black FRNC jacket, normal standard

RG Cable

RG6 coaxial cable



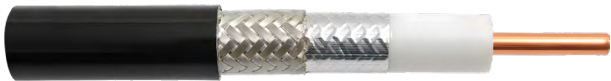
Material	
Inner conductor	Copper clad steel wire
Dielectric material	Foam PE
Shield 1	Aluminum foil tape
Shield 2	Al-My alloy wire braid
Jacket	Black PVC/PE

Dimension	
Inner conductor	1.02mm
Dielectric material	4.57mm
Jacket	6.91mm

Attenuation		
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)
55MHz	5.25	1.60
211MHz	10.00	3.05
400MHz	13.49	4.11
450MHz	14.43	4.40
550MHz	16.08	4.90
750MHz	18.54	5.65
865MHz	20.01	6.10
1000MHz	21.49	6.55
2250MHz	34.40	10.49
3000MHz	40.40	12.31
Typical value guarantee ±5%		

Order List	
RG 6 CCS3	RG 6 coaxial cable, PVC jacket
RG 6 CCS3 LSZH	RG 6 coaxial cable, LSZH jacket
RG 6 CCS3 PE	RG 6 coaxial cable, PE jacket
RG 6 SS3A	RG 6 coaxial cable, PVC jacket, Aerial

RG8 coaxial cable



Material	
Inner conductor	Copper clad aluminum wire
Dielectric material	Foam PE
Shield 1	Aluminum foil tape
Shield 2	Tinned copper wire braiding
Jacket	Black PE

Dimension	
Inner conductor	2.74mm
Dielectric material	7.24mm
Outer conductor	8.13mm
Jacket	10.29mm

Attenuation		
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)
50	2.90	0.88
150	5.00	1.52
220	6.10	1.86
450	8.90	2.71
900	12.80	3.90
1500	16.80	5.12
1800	18.60	5.67
2000	19.60	5.97
2500	22.20	6.77
5800	35.50	10.82
Typical value guarantee ±5%		

Order List	
RG 8-T2	RG 8 coaxial cable, PE jacket
RG 8-T2 FR	RG 8 coaxial cable, LSZH jacket
RG 8-T2 PVC	RG 8 coaxial cable, PVC jacket

RG11 coaxial cable



Material	
Inner conductor	Copper clad steel
Dielectric material	Foam PE
Shield 1	Aluminum foil tape
Shield 2	Al-My alloy wire braid
Jacket	Black PVC

Dimension	
Inner conductor	1.63mm
Dielectric material	7.11mm
Outer conductor	7.80mm
Jacket	19.03mm

Attenuation		
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)
55	3.30	1.01
83	4.06	1.24
187	7.23	2.20
300	9.19	2.80
450	10.51	3.20
550	11.72	3.57
750	13.91	4.24
865	14.95	4.56
1000	15.96	4.86
Typical value guarantee ±5%		

Order List	
RG 11 CCS3 PVC	RG 11 coaxial cable, PVC jacket
RG 11 CCS3 LSZH	RG 11 coaxial cable, LSZH jacket

RG58 coaxial cable



Material	
Inner conductor	Tinned plate copper wire
Dielectric material	Solid PE
Outer conductor	Tinned plated coper wire
Jacket	Black PVC

Dimension	
Inner conductor	0.90mm
Dielectric material	2.95mm
Outer conductor	3.45mm
Jacket	4.90mm

Attenuation		
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)
400	40.7	12.41
900	50.9	15.51
1000	58.5	17.83
1500	74.6	22.74
1800	80.8	24.63
2000	83.5	25.45
2200	85.5	26.06
2400	89.5	27.28
2500	91.5	27.89
3000	110	33.53
Typical value guarantee ±5%		

Order List	
RG 58 PVC-5	RG 58 coaxial cable, PVC jacket
RG 58 FR-5	RG 58 coaxial cable, LSZH jacket

RG142 coaxial cable



Material	
Inner conductor	Silve plated copper clad steel
Dielectric material	Solid PTFE
Shield 1	Silver plated copper wire braid
Shield 2	Silver plated copper wire braid
Jacket	FEP, brown

Dimension	
Inner conductor	0.93mm
Dielectric material	2.95mm
Shield 1	3.55mm
Shield 2	3.95mm
Jacket	4.95mm

Attenuation		
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)
100	14.4	4.39
400	29.4	8.96
1000	48.3	14.72
3000	89.8	27.37
5000	120.8	36.82
Typical value guarantee ±5%		

Order List	
RG 142	RG 142 coaxial cable, Brown FEP jacket

RG213 coaxial cable



Material	
Inner conductor	Copper wire
Dielectric material	Solid PE
Outer conductor	Bare Copper Braid
Jacket	Black PE, Halogen free

Dimension	
Inner conductor	7*0.75 mm
Dielectric material	7.24 mm
Jacket	10. 30 mm

Attenuation		
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)
100	6.8	2.07
200	9.0	2.74
400	14.9	4.54
1000	25.4	7.74
1500	32.5	9.91
2000	37.4	11.40
3000	47.6	14.51
5200	63.2	19.26
5800	68.5	20.88
Typical value guarantee ±5%		

Order List	
RG 213-PE S2	RG 213 coaxial cable, PE jacket

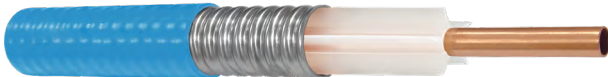
RG223 coaxial cable



Material		Typical Performance	
Inner conductor	Silver plated copper wire	Impedance	
Dielectric material	Solid PE	Impedance	50±2Ω
Shield	Double layer silver plate copper braid		
Jacket	Black PE / LSZH	Return loss	
		≤ -24 dB	30 to 1000MHz
		≤ -22dB	1000 to 2500MHz
Dimension			
Inner conductor	0.89mm		
Dielectric material	2.95mm		
Jacket	5.40mm		
Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	
30	7	2.13	
100	13	3.96	
400	27	8.23	
1000	43	13.11	
2500	70	21.34	
Typical value guarantee ±5%			
Order List			
RG 223 LSZH S2	RG 223 coaxial cable, LSZH jacket		
RG 223 PVC S2	RG 223 coaxial cable, PVC jacket		

Plenum Rated Coaxial Cable

Aluminum coaxial cable



Material		Typical Performance	
Inner conductor	Copper-Clad Aluminum wire	Impedance	
Dielectric material	Polyethylene	Impedance	50±2Ω
Outer conductor	Corrugated Aluminum (Annularly)		
Jacket	PVC compound	VSWR (Return loss)	
		≤1.20 (-20.8dB)	700 ~ 894 MHz
		≤1.20 (-20.8dB)	806 ~ 960 MHz
		≤1.20 (-20.8dB)	1700 ~ 2700 MHz
		≤1.25 (-19.1dB)	3300 ~ 4200 MHz
		≤1.36 (-16.3dB)	5700 ~ 5900 MHz
		Intermodulation 3rd	
		≤ -160dBc	@1800MHz, 2x43dBm
Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	5.13	1.56	1.49
800	7.11	2.17	1.07
894	7.57	2.31	1.01
960	7.89	2.41	0.97
1800	11.44	3.49	0.67
2000	12.19	3.72	0.63
2200	12.92	3.94	0.59
2500	13.98	4.26	0.55
2700	14.66	4.47	0.52
3000	15.65	4.77	0.49
3400	16.93	5.16	0.45
3800	18.16	5.54	0.42
4000	18.77	5.72	0.41
5000	21.67	6.61	0.35
6000	24.42	7.44	0.31
Typical value guarantee ±5%			
Order List			
PPAIRA50V-E12W	1/2" Plenum rated coaxial cable, White PVC, Aluminum outer conductor		
PPAIRA50V-E12R	1/2" Plenum rated coaxial cable, Red PVC, Aluminum outer conductor		

Copper coaxial cable



Material	
Inner conductor	Copper clad Aluminum
Dielectric material	Polyethylene
Outer conductor	Corrugated copper (Annularly)
Jacket	PVC compound

Dimension	
Inner conductor	4.8mm
Dielectric material	11.7mm
Outer conductor	13.84mm
Jacket	15.36mm

Typical Performance	
Impedance	
Impedance	50±2Ω
VSWR (Return loss)	
≤1.20 (-20.8dB)	700 ~ 894 MHz
≤1.20 (-20.8dB)	806 ~ 960 MHz
≤1.20 (-20.8dB)	1700 ~ 2700 MHz
≤1.25 (-19.1dB)	3300 ~ 4200 MHz
≤1.36 (-16.3dB)	5700 ~ 5900 MHz
Intermodulation 3rd	
≤ -160dBc	@1800MHz, 2x43dBm

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
450	4.85	1.48	1.57
800	6.65	2.03	1.15
894	7.07	2.15	1.08
960	7.36	2.24	1.04
1800	10.50	3.20	0.73
2000	11.16	3.40	0.65
2200	11.80	3.60	0.65
2500	12.71	3.88	0.6
2700	13.30	4.05	0.57
3000	14.16	4.32	0.54
3400	15.26	4.65	0.5
3800	16.31	4.97	0.47
4000	16.82	5.13	0.45
5000	19.28	5.88	0.4
6000	21.58	6.58	0.35
Typical value guarantee ±5%			

Order List	
PPAIRC50V-E12	1/2" Plenum rated coaxial cable, Black PVC, Copper outer conductor
PPAIRC50V-E12B	1/2" Plenum rated coaxial cable, Blue PVC, Copper outer conductor
PPAIRC50V-E12W	1/2" Plenum rated coaxial cable, White PVC, Copper outer conductor
PPAIRC50V-E12R	1/2" Plenum rated coaxial cable, Red PVC, Copper outer conductor

Air Dielectric Cable

General Description

- Air-dielectric coaxial transmission line is a special type of the coaxial cable, the general form PE replace to plastic bracket

Features and Benefits

- Ideal for high-power applications
- Easy to install connectors
- Low VSWR and attenuation performance across the entire broadcast band

1 5/8" coaxial cable



Material	
Inner conductor	Corrugated copper tube
Dielectric material	PE strip
Outer conductor	Corrugated copper tube
Jacket	Black PE, Halogen free

Dimension	
Inner conductor	18.5mm
Dielectric material	39.7mm
Outer conductor	46.5mm
Jacket	51.0mm

Typical Performance	
Impedance	
Impedance	50±2Ω
Return loss	
≤1.06	550 to 1600kHz
≤1.08	87 to 108MHz
≤1.10	470 to 862MHz

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
2	0.09	0.027	130.0
88	0.58	0.177	20.9
100	0.62	0.189	19.5
108	0.64	0.195	18.9
174	0.82	0.250	14.8
200	0.88	0.268	13.8
450	1.33	0.405	9.2
500	1.40	0.427	8.7
600	1.54	0.469	7.9
700	1.67	0.509	7.4
800	1.79	0.546	6.9
Typical value guarantee ±5%			

Order List	
PAIRCC50E-158	1-5/8" Air-Insulation Coaxial Cable, PE jacket

3 1/8" coaxial cable



Material	
Inner conductor	Corrugated copper tube
Dielectric material	PE strip
Outer conductor	Corrugated copper tube
Jacket	Black PE, Halogen free

Dimension	
Inner conductor	34.7mm
Dielectric material	75.2mm
Outer conductor	85.4mm
Jacket	91.0mm

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
2	0.05	0.015	300.0
88	0.34	0.104	58.3
108	0.38	0.116	52.5
174	0.48	0.146	41.1
200	0.52	0.158	38.3
450	0.81	0.247	25.4
500	0.86	0.262	24.1
600	0.95	0.290	22.0
700	1.03	0.314	20.4
800	1.11	0.338	19.1
Typical value guarantee ±5%			

Order List	
PAIRCC50E-318	3 1/8" Air-Insulation Coaxial Cable, PE jacket

5" coaxial cable



Material	
Inner conductor	Helix Corrugated Copper Tube
Dielectric material	Fluoroplastic gasket
Outer conductor	Helix Corrugated Copper Tube
Jacket	Black PE, Halogen free

Dimension	
Inner conductor	45.0mm
Dielectric material	98.1mm
Outer conductor	109.3mm
Jacket	115.1mm

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Max. Power (kW)
526.5 to 1606.5kHz	0.036	0.011	200
87 to 108MHz	0.305	0.093	60
1CH to 12CH channel	0.416	0.127	40
1 to 30MHz	0.165	0.050	80
Typical value guarantee ±5%			

Order List	
PAIRCC50E-5	5" Air-Insulation Coaxial Cable, PE jacket

Radiation Coaxial Cable

General Description

- Radiating or leaky cable acts like an antenna to provide coverage in enclosed environments, such as tunnels, intelligent buildings, railways and mines, assuring cellular, railway signaling and control, and public safety transmissions, in enclosed environments

Features and Benefits

- Available band from 75 MHz to 1000 MHz or 75 MHz to 2700 MHz or 700Mhz to 3800 MHz
- Excellent for signal transmission at both low and high frequencies
- Low coupling loss
- Fire retardant jacket compliant to IEC 60332-1-2



1/2" Radiation Leaky Cable

1/2" radiation leaky cable (D)



Material	
Inner conductor	Copper-Clad Aluminum wire
Dielectric material	Foam PE
Outer conductor	Copper foil
Jacket	Black PE, Halogen free / FRNC

Dimension	
Inner conductor	4.8 mm
Dielectric material	12.3 mm
Outer conductor	12.6 mm
Jacket	15.5 mm

Typical Performance	
Impedance	
Impedance	50±2Ω
Return loss	
≤ 1.30	75 to 150MHz
≤ 1.30	350 to 470MHz
≤ 1.30	800 to 960MHz

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Coupling Loss (2m) 95%
75	2.9	0.88	68
150	3.9	1.19	68
350	5.8	1.77	67
400	6.2	1.89	67
450	6.5	1.98	67
800	8.0	2.44	68
900	8.5	2.59	70
960	8.8	2.68	70
Typical value guarantee ±5%; Coupling Loss Tolerance ±5 dB			

Order List	
PRC50E-12(D)	1/2" Leaky Cable, Black PE Jacket, up to 0.9GHz
PRC50FR-12(D)	1/2" Leaky Cable, Black LSZH Jacket, up to 0.9GHz

1/2" radiation leaky cable (C)



Material	
Inner conductor	Copper-Clad Aluminum wire
Dielectric material	Foam PE
Outer conductor	Copper foil
Jacket	Black PE, Halogen free / FRNC

Dimension	
Inner conductor	4.8 mm
Dielectric material	12.3 mm
Outer conductor	12.6 mm
Jacket	15.5 mm

Typical Performance		
Impedance		
Impedance		50±2Ω
Return loss		
≤ 1.40		75 to 150MHz
≤ 1.40		800 to 960MHz
≤ 1.40		1700 to 2025MHz
≤ 1.40		2110 to 2170MHz
≤ 1.40		2300 to 2700MHz

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Coupling Loss (2m) 95%
150	3.2	0.98	86
700	6.8	2.07	78
800	7.2	2.19	73
900	7.7	2.35	72
960	8.3	2.53	71
1800	11.8	3.60	68
1900	12.3	3.75	68
2000	12.8	3.90	70
2100	13.5	4.11	69
2400	15.5	4.72	67
2600	16.9	5.15	68
2620	17.8	5.43	68
2700	18.1	5.52	68
Typical value guarantee ±5%; Coupling Loss Tolerance ±5 dB			

Order List	
PRC50E-12	1/2" Leaky Cable, Black PE Jacket, up to 2.7GHz
PRC50FR-12	1/2" Leaky Cable, Black LSZH Jacket, up to 2.7GHz

1/2" radiation leaky cable (H)



Material	
Inner conductor	Copper-Clad Aluminum wire
Dielectric material	Foam PE
Outer conductor	Copper foil
Jacket	Black PE, Halogen free / FRNC

Dimension	
Inner conductor	4.8 mm
Dielectric material	12.3 mm
Outer conductor	12.6 mm
Jacket	15.5 mm

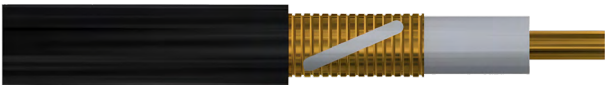
Typical Performance		
Impedance		
Impedance		50±2Ω
Return loss		
≤ 1.30		2400 to 2700MHz
≤ 1.40		3300 to 3600MHz
≤ 1.40		5000 to 5200MHz
≤ 1.40		5700 to 5900MHz

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Coupling Loss (2m) 95%
2400	16.0	4.88	66
2500	16.5	5.03	66
2600	17.0	5.18	68
3500	23.0	7.01	66
5100	42.0	12.80	68
5700	49.0	14.94	70
5800	50.0	15.24	70
5900	52.0	15.85	70
Typical value guarantee ±5%; Coupling Loss Tolerance ±5 dB			

Order List	
PRC50E-12B	1/2" Leaky Cable, Black PE Jacket, up to 5.9GHz
PRC50FR-12B	1/2" Leaky Cable, Black LSZH Jacket, up to 5.9GHz

7/8" Radiation Leaky Cable

7/8" radiation leaky cable (D)



Material	
Inner conductor	Copper tube
Dielectric material	Foam PE
Outer conductor	Copper foil
Jacket	Black PE, Halogen free / FRNC

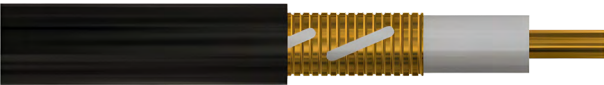
Dimension	
Inner conductor	9.45 mm
Dielectric material	22.8 mm
Outer conductor	23.5 mm
Jacket	27.2 mm

Typical Performance		
Impedance		
Impedance		50±2Ω
Return loss		
≤ 1.30		75 to 150MHz
≤ 1.30		300 to 500MHz
≤ 1.30		806to 960MHz
≤ 1.30		960to 1000MHz

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Coupling Loss (2m) 95%
75	1.3	0.40	70
100	1.6	0.49	66
150	1.9	0.58	73
200	2.2	0.67	74
300	2.8	0.85	68
350	3.0	0.91	65
400	3.3	1.01	69
450	3.5	1.07	70
800	4.7	1.43	62
900	5.0	1.52	61
1000	5.3	1.62	63
Typical value guarantee ±5%; Coupling Loss Tolerance ±5 dB			

Order List	
PRC50E-78(D)	7/8" Leaky Cable, Black PE Jacket, up to 0.9GHz
PRC50FR-78(D)	7/8" Leaky Cable, Black LSZH Jacket, up to 0.9GHz

7/8" radiation leaky cable (C)



Material	
Inner conductor	Copper tube
Dielectric material	Foam PE
Outer conductor	Copper foil
Jacket	Black PE, Halogen free / FRNC

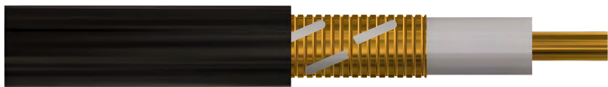
Dimension	
Inner conductor	9.45 mm
Dielectric material	22.8 mm
Outer conductor	23.5 mm
Jacket	27.2 mm

Typical Performance		
Impedance		
Impedance		50±2Ω
Return loss		
≤ 1.30		75 to 150MHz
≤ 1.30		800 to 960MHz
≤ 1.30		1700 to 2025MHz
≤ 1.30		2110 to 2170MHz
≤ 1.30		2300 to 2700MHz

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Coupling Loss (2m) 95%
75	1.34	0.41	79
100	1.54	0.47	81
150	1.85	0.56	89
450	2.45	0.75	86
700	4.02	1.23	77
800	4.12	1.26	73
900	4.32	1.32	72
1800	6.69	2.04	68
2000	7.41	2.26	66
2200	8.03	2.45	66
2400	8.44	2.57	65
2600	9.60	2.93	70
2700	10.92	3.33	66
Typical value guarantee ±5%; Coupling Loss Tolerance ±5 dB			

Order List	
PRC50E-78	7/8" Leaky Cable, Black PE Jacket, up to 2.7GHz
PRC50FR-78	7/8" Leaky Cable, Black LSZH Jacket, up to 2.7GHz

7/8" radiation leaky cable (H)



Material	
Inner conductor	Copper tube
Dielectric material	Foam PE
Outer conductor	Copper foil
Jacket	Black PE, Halogen free / FRNC

Dimension	
Inner conductor	9.45 mm
Dielectric material	22.8 mm
Outer conductor	23.5 mm
Jacket	27.2 mm

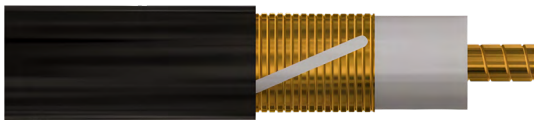
Typical Performance		
Impedance		
Impedance		50±2Ω
Return loss		
≤ 1.30		75 to 150MHz
≤ 1.30		698 to 960MHz
≤ 1.30		1700 to 2025MHz
≤ 1.30		2110 to 2170MHz
≤ 1.30		2200 to 2700MHz
≤ 1.30		3300 to 3630MHz
≤ 1.30		3700 to 3800MHz

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Coupling Loss (2m) 95%
698	3.50	1.07	83
800	4.00	1.22	78
900	4.30	1.31	76
960	4.50	1.37	76
1800	6.70	2.04	73
1900	6.90	2.10	72
2000	7.30	2.23	73
2100	7.60	2.32	72
2200	8.00	2.44	72
2300	8.30	2.53	72
2400	8.80	2.68	72
2600	9.40	2.87	70
2700	10.00	3.05	70
3400	12.00	3.66	69
3500	12.50	3.81	68
3600	13.00	3.96	68
3700	14.00	4.27	66
3800	15.00	4.57	66
Typical value guarantee ±5%; Coupling Loss Tolerance ±5 dB			

Order List	
PRC50E-78B	7/8" Leaky Cable, Black PE Jacket, up to 3.8GHz
PRC50FR-78B	7/8" Leaky Cable, Black LSZH Jacket, up to 3.8GHz

1 1/4" Radiation Leaky Cable

1 1/4" radiation leaky cable (D)



Material	
Inner conductor	Corrugated copper
Dielectric material	Foam PE
Outer conductor	Copper foil
Jacket	Black PE, Halogen free / FRNC

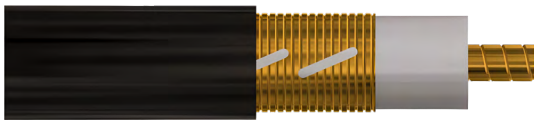
Dimension	
Inner conductor	12.8 mm
Dielectric material	32.4 mm
Outer conductor	32.8 mm
Jacket	36.8 mm

Typical Performance		
Impedance		
Impedance		50±2Ω
Return loss		
≤ 1.30		75 to 150MHz
≤ 1.30		300 to 480MHz
≤ 1.30		580 to 700MHz
≤ 1.30		800 to 960MHz
≤ 1.30		960 to 1000MHz

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Coupling Loss (2m) 95%
75	0.82	0.25	72
100	0.94	0.29	70
150	1.21	0.37	74
350	1.94	0.59	72
400	2.04	0.62	71
430	2.14	0.65	72
450	2.19	0.67	71
470	2.24	0.68	71
700	3.03	0.92	68
800	3.24	0.99	62
900	3.61	1.10	60
960	3.87	1.18	60
1000	4.04	1.23	62
Typical value guarantee ±5%; Coupling Loss Tolerance ±5 dB			

Order List	
PRC50E-114(D)	1-1/4" Leaky Cable, Black PE Jacket, up to 0.9GHz
PRC50FR-114(D)	1-1/4" Leaky Cable, Black LSZH Jacket, up to 0.9GHz

1 1/4" radiation leaky cable (C)



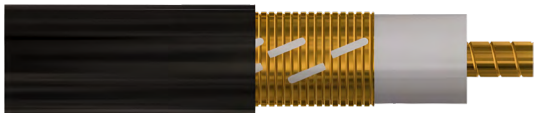
Material	
Inner conductor	Corrugated copper
Dielectric material	Foam PE
Outer conductor	Copper foil
Jacket	Black PE, Halogen free / FRNC

Dimension	
Inner conductor	12.8 mm
Dielectric material	32.4 mm
Outer conductor	32.8 mm
Jacket	36.8 mm

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Coupling Loss (2m) 95%
75	0.82	0.25	78
100	1.03	0.31	79
150	1.13	0.34	90
450	2.00	0.61	89
700	2.78	0.85	78
800	2.98	0.91	73
900	3.19	0.97	72
1800	5.35	1.63	68
2000	6.07	1.85	67
2200	6.59	2.01	66
2400	7.31	2.23	65
2600	7.70	2.35	66
2700	8.75	2.67	66
Typical value guarantee ±5%; Coupling Loss Tolerance ±5 dB			

Order List	
PRC50E-114	1-1/4" Leaky Cable, Black PE Jacket, up to 2.7GHz
PRC50FR-114	1-1/4" Leaky Cable, Black LSZH Jacket, up to 2.7GHz

1 1/4" radiation leaky cable (H)



Material	
Inner conductor	Corrugated copper
Dielectric material	Foam PE
Outer conductor	Copper foil
Jacket	Black PE, Halogen free / FRNC

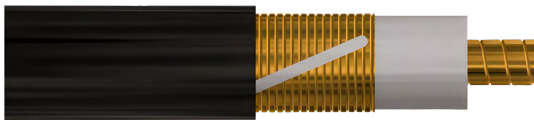
Dimension	
Inner conductor	12.8 mm
Dielectric material	32.4 mm
Outer conductor	32.8 mm
Jacket	37.0 mm

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Coupling Loss (2m) 95%
700	2.70	0.82	85
800	2.80	0.85	78
900	3.00	0.91	76
960	3.20	0.98	74
1800	4.60	1.40	72
1900	4.80	1.46	71
2000	5.00	1.52	70
2100	5.20	1.58	70
2200	5.40	1.65	70
2300	5.60	1.71	69
2400	5.80	1.77	69
2600	6.20	1.89	69
2700	6.50	1.98	68
3400	8.40	2.56	67
3500	9.00	2.74	67
3600	9.80	2.99	67
3800	12.00	3.66	67
Typical value guarantee ±5%; Coupling Loss Tolerance ±5 dB			

Order List	
PRC50E-114A	1-1/4" Leaky Cable, Black PE Jacket, up to 3.8GHz
PRC50FR-114A	1-1/4" Leaky Cable, Black LSZH Jacket, up to 3.8GHz

1 5/8" Radiation Leaky Cable

1 5/8" radiation leaky cable (D)



Material	
Inner conductor	Corrugated copper
Dielectric material	Foam PE
Outer conductor	Copper foil
Jacket	Black PE, Halogen free / FRNC

Dimension	
Inner conductor	18.0 mm
Dielectric material	42.8 mm
Outer conductor	43.5 mm
Jacket	47.8 mm

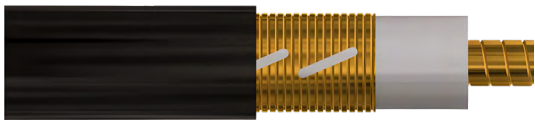
Typical Performance	
Impedance	
Impedance	50±2Ω
Return loss	
≤ 1.30	75 to 150MHz
≤ 1.30	300 to 500MHz
≤ 1.30	600 to 750MHz
≤ 1.30	806 to 960MHz

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Coupling Loss (2m) 95%
75	0.60	0.18	72
100	0.70	0.21	75
150	0.90	0.27	76
200	1.10	0.34	76
300	1.30	0.40	73
350	1.40	0.43	69
400	1.50	0.46	71
450	1.60	0.49	71
800	2.35	0.72	63
900	2.43	0.74	60

Typical value guarantee ±5%; Coupling Loss Tolerance ±5 dB

Order List	
PRC50E-158(D)	1-5/8" Leaky Cable, Black PE Jacket, up to 0.9GHz
PRC50FR-158(D)	1-5/8" Leaky Cable, Black LSZH Jacket, up to 0.9GHz

1 5/8" radiation leaky cable (C)



Material	
Inner conductor	Corrugated copper
Dielectric material	Foam PE
Outer conductor	Copper foil
Jacket	Black PE, Halogen free / FRNC

Dimension	
Inner conductor	18.0 mm
Dielectric material	42.8 mm
Outer conductor	43.5 mm
Jacket	47.5 mm

Typical Performance	
Impedance	
Impedance	50±2Ω
Return loss	
≤ 1.30	75 to 150MHz
≤ 1.30	450 to 500MHz
≤ 1.30	800 to 960MHz
≤ 1.30	1700 to 2025MHz
≤ 1.30	2110 to 2170MHz
≤ 1.30	2300 to 2700MHz

Attenuation			
Frequency	Attenuation (dB/100m)	Attenuation (dB/100ft)	Coupling Loss (2m) 95%
75	0.60	0.18	79
100	0.70	0.21	81
150	0.94	0.29	90
450	1.50	0.46	90
500	1.60	0.49	90
700	1.90	0.58	77
800	2.10	0.64	73
900	2.30	0.70	72
960	2.40	0.73	71
1700	3.30	1.01	72
1800	3.60	1.10	67
1900	3.90	1.19	66
2000	4.10	1.25	66
2100	4.30	1.31	65
2200	4.50	1.37	66
2400	5.00	1.52	65
2600	5.60	1.71	64
2620	5.80	1.77	65
2700	6.20	1.89	66

Typical value guarantee ±5%; Coupling Loss Tolerance ±5 dB

Order List	
PRC50E-158	1-5/8" Leaky Cable, Black PE Jacket, up to 2.7GHz
PRC50FR-158	1-5/8" Leaky Cable, Black LSZH Jacket, up to 2.7GHz
PRC50FR-158BE	1-5/8" Leaky Cable, Black LSZH Jacket, up to 2.7GHz, CPR B2ca-s1b, d2, a1

Coaxial Cable Connectors

General Description

- Connectors for field assembly applications

Features and Benefits

- 50Ω impedance
- Easy to install with cable preparation tools
- Operation frequency 2.7GHz, 3.8GHz and 5.8GHz available
- Good return loss and intermodulation performance



Coaxial Feeder Cable Connectors



General Performance

Electrical Data					
Performance		1/2	7/8	1 1/4	1 5/8
Characteristics impedance		50Ω			
Insertion loss		0.05*/F GHz dB			
Return loss	DC-1.0GHz	≤-30dB	≤-30dB	≤-30dB	≤-30dB
	1.0-2.2GHz	≤-28dB	≤-28dB	≤-28dB	≤-28dB
	2.2-2.7GHz	≤-26dB	≤-26dB	≤-26dB	≤-26dB
	2.7-3.8GHz	≤-24dB	≤-24dB	≤-24dB	
	3.8-6.0GHz	≤-22dB	≤-22dB		
DTF	DC-1.0GHz	≤-35dB	≤-35dB	≤-35dB	≤-35dB
	1.0-2.7GHz	≤-32dB	≤-32dB	≤-32dB	≤-32dB
	2.7-3.8GHz	≤-28dB	≤-28dB	≤-28dB	
	3.8-6.0GHz	≤-26dB	≤-26dB		
Intermodulation (3rd Order), 2x43dBm		≤-160dBc			

Environment	
Working temperature	-45°C to +85°C
Weather standard	IEC 60068 40/085/21
Thermal shock	IEC 60068-2-14-Na
Vibration	IEC 60068-2-6-Fc
Shock	IEC 60068-2-27
IP protection	IP68, mated pair
RoHS	Compliant

Mechanical Data			
Connector type	DIN	4.3-10	N
Connector torque proof recommendation	25 to 30 N.m	5 to 8 N.m	0.7 to 1.1 N.m

Typical connector

Construction	RC2 Series	RC3TB Series	RCP Series
Part1, Head	X	X	X
Part2, Body	X	X	X
Part3, Additional	O	X	
Feature	2 section type		2 section type-pro
	RC3TB have additional part for backside sealing		
	RCP combined the additional part and easy to install		
Photo for reference			

* Note:
X indicate the connector is available, O indicate the connector is not available.

RC2 series, 1/2R and 7/8R connectors



Connector Type	Type	1/2R coaxial cable	7/8R coaxial cable
DIN male	2 section type	PR-RC2-DM-C03	PR-RC2-DM-C05
DIN female		PR-RC2-DF-C03	PR-RC2-DF-C05
DIN male angled		PR-RC2-DMA-C03	
N male		PR-RC2-NM-C03	PR-RC2-NM-C05
N female		PR-RC2-NF-C03	PR-RC2-NF-C05
N male angled		PR-RC2-NMA-C03	
4.3-10 male		PR-RC2-43M-C03	PR-RC2-43M-C05
4.3-10 female		PR-RC2-43F-C03	PR-RC2-43F-C05
4.3-10 angled		PR-RC2-43MA-C03	

RC3TB series, 1/2R and 7/8R connectors



Connector Type	Type	1/2R coaxial cable	7/8R coaxial cable
DIN male	3 section type	PR-RC3TB-DM-C03	PR-RC3TB-DM-C05
DIN female		PR-RC3TB-DF-C03	PR-RC3TB-DF-C05
DIN male angled		PR-RC3TB-DMA-C03	
N male		PR-RC3TB-NM-C03	PR-RC3TB-NM-C05
N female		PR-RC3TB-NF-C03	PR-RC3TB-NF-C05
N male angled		PR-RC3TB-NMA-C03	
4.3-10 male		PR-RC3TB-43M-C03	PR-RC3TB-43M-C05
4.3-10 female		PR-RC3TB-43F-C03	PR-RC3TB-43F-C05
4.3-10 angled		PR-RC3TB-43MA-C03	

RCP series, 1/2R and 7/8R connectors



Connector Type	Type	1/2R coaxial cable	7/8R coaxial cable
DIN male	2 section type	PR-RCP-DM-C03	PR-RCP-DM-C05
DIN female		PR-RCP-DF-C03	PR-RCP-DF-C05
DIN male angled		PR-RCP-DMA-C03	
N male		PR-RCP-NM-C03	PR-RCP-NM-C05
N female		PR-RCP-NF-C03	PR-RCP-NF-C05
N male angled		PR-RCP-NMA-C03	
4.3-10 male		PR-RCP-43M-C03	PR-RCP-43M-C05
4.3-10 female		PR-RCP-43F-C03	PR-RCP-43F-C05
4.3-10 angled		PR-RCP-43MA-C03	

RC2 series, 1/4S, 3/8S, 1/2S connectors

Connector	1/4S	1/4R	3/8S	1/2S
DIN male	PR-RC2-DM-C09	PR-RC2-DM-C01	PR-RC2-DM-C02	PR-RC2-DM-C08
DIN female	PR-RC2-DF-C09	PR-RC2-DF-C01	PR-RC2-DF-C02	PR-RC2-DF-C08
DIN mane angled				PR-RC2-DMA-C08
N male	PR-RC2-NM-C09	PR-RC2-NM-C01	PR-RC2-NM-C02	PR-RC2-NM-C08
N female	PR-RC2-NF-C09	PR-RC2-NF-C01	PR-RC2-NF-C02	PR-RC2-NF-C08
N mane angled				PR-RC2-NMA-C08
4.3-10 male	PR-RC2-43M-C09	PR-RC2-43M-C01	PR-RC2-43M-C02	PR-RC2-43M-C08
4.3-10 female	PR-RC2-43F-C09	PR-RC2-43F-C01	PR-RC2-43F-C02	PR-RC2-43F-C08
4.3-10 male angled				PR-RC2-43MA-C08

RC2 series, 1 1/4R, 1 5/8R connectors

Connector	1 1/4R	1 5/8R
DIN male	PR-RC2-DM-C06	PR-RC2-DM-C07
DIN female	PR-RC2-DF-C06	PR-RC2-DF-C07
N male	PR-RC2-NM-C06	PR-RC2-NM-C07
N female	PR-RC2-NF-C06	PR-RC2-NF-C07
4.3-10 male	PR-RC2-43M-C06	PR-RC2-43M-C07
4.3-10 female	PR-RC2-43F-C06	PR-RC2-43F-C07

Coaxial RG cable connectors



Clamp type connector

Connector Type	RG8	RG223	5D-FB	LMR400
N male	PR-RC2-NM-RG8	PR-RC2-NM-R223	PR-RC2-NM-5D	PR-RC2-NM-LMR400
N female	PR-RC2-NF-RG8	PR-RC2-NF-R223	PR-RC2-NF-5D	PR-RC2-NF-LMR400
N male angled	PR-RC2-NMA-RG8	PR-RC2-NMA-R223	PR-RC2-NMA-5D	PR-RC2-NMA-LMR400
TNC male	PR-RC2-TM-RG8	PR-RC2-TM-R223	PR-RC2-TM-5D	PR-RC2-TM-LMR400
TNC male angled	PR-RC2-TMA-RG8	PR-RC2-TMA-R223	PR-RC2-TMA-5D	PR-RC2-TMA-LMR400

Crimp type connector

Connector Type	RG8	RG223	5D-FB	LMR400
N male	PR-RC1-NM-RG8	PR-RC1-NM-R223	PR-RC1-NM-5D	PR-RC1-NM-LMR400
N female	PR-RC1-NF-RG8	PR-RC1-NF-R223	PR-RC1-NF-5D	PR-RC1-NF-LMR400
N male angled	PR-RC1-NMA-RG8	PR-RC1-NMA-R223	PR-RC1-NMA-5D	PR-RC1-NMA-LMR400
TNC male	PR-RC1-TM-RG8	PR-RC1-TM-R223	PR-RC1-TM-5D	PR-RC1-TM-LMR400
TNC male angled	PR-RC1-TMA-RG8	PR-RC1-TMA-R223	PR-RC1-TMA-5D	PR-RC1-TMA-LMR400



Coaxial Radiation Cable Connectors



Connector Type	1/2R radiation cable	7/8R radiation cable	1 1/4R radiation cable	1 5/8 radiation cable
DIN male	PR-RC2-DM-L-C03	PR-RC2-DM-L-C05	PR-RC2-DM-L-C06	PR-RC2-DM-L-C07
DIN female	PR-RC2-DF-L-C03	PR-RC2-DF-L-C05	PR-RC2-DF-L-C06	PR-RC2-DF-L-C07
N male	PR-RC2-NM-L-C03	PR-RC2-NM-L-C05	PR-RC2-NM-L-C06	PR-RC2-NM-L-C07
N female	PR-RC2-NF-L-C03	PR-RC2-NF-L-C05	PR-RC2-NF-L-C06	PR-RC2-NF-L-C07
4.3-10 male	PR-RC2-43M-L-C03	PR-RC2-43M-L-C05	PR-RC2-43M-L-C06	PR-RC2-43M-L-C07
4.3-10 female	PR-RC2-43F-L-C03	PR-RC2-43F-L-C05	PR-RC2-43F-L-C06	PR-RC2-43F-L-C07

Coaxial Cable Adapter



Part Number	Description
PR-RC2-DM-DM	RF adapter DIN male to DIN male
PR-RC2-DM-DF	RF adapter DIN male to DIN female
PR-RC2-DM-NM	RF adapter DIN male to N male
PR-RC2-DM-NF	RF adapter DIN male to N female
PR-RC2-DM-43M	RF adapter DIN male to 4.3-10 male
PR-RC2-DM-43F	RF adapter DIN male to 4.3-10 female
PR-RC2-NM-NM	RF adapter N male to N male
PR-RC2-NM-NF	RF adapter N male to N female
PR-RC2-NM-43M	RF adapter N male to 4.3-10 male
PR-RC2-NM-43F	RF adapter N male to 4.3-10 female
PR-RC2-NF-NF	RF adapter N female to N female
PR-RC2-NF-43M	RF adapter N female to 4.3-10 male
PR-RC2-NF-43F	RF adapter N female to 4.3-10 female

Coaxial Cable Lightning Arrester



Part Number	Description
PR-RC2-SA01-NFM	Surge arrester N female to N male
PR-RC2-SA01-NFSM	Surge arrester N female to SMA male
PR-RC2-SA01-DFM	Surge arrester DIN female to DIN male
PR-RC2-SA01-TMTF	Surge arrester TNC male to TNC female

Coaxial Cable DC Block



Part Number	Description
PR-DCB01-NFM	RF DC block N male to N female
PR-DCB01-DFM	RF DC block DIN male to DIN female
PR-DCB01-43FM	RF DC block 4.3-10 male to 4.3-10 female

The Compatibility of the Coaxial Cable & Connector

Connector	Type	2 Sections (RC2)										3 Sections (RC3TB)										2 Sections Pro (RCP)									
		PR-RC2-DM-CXX	PR-RC2-DF-CXX	PR-RC2-DMA-CXX	PR-RC2-NM-CXX	PR-RC2-NF-CXX	PR-RC2-NMA-CXX	PR-RC2-43M-CXX	PR-RC2-43F-CXX	PR-RC2-43MA-CXX	PR-RC3TB-DM-CXX	PR-RC3TB-DF-CXX	PR-RC3TB-DMA-CXX	PR-RC3TB-NM-CXX	PR-RC3TB-NF-CXX	PR-RC3TB-NMA-CXX	PR-RC3TB-43M-CXX	PR-RC3TB-43F-CXX	PR-RC3TB-43MA-CXX	PR-RCP-DM-CXX	PR-RCP-DF-CXX	PR-RCP-DMA-CXX	PR-RCP-NM-CXX	PR-RCP-NF-CXX	PR-RCP-NMA-CXX	PR-RCP-43M-CXX	PR-RCP-43F-CXX	PR-RCP-43MA-CXX			
		S/A	S	S	A	S	S	A	S	S	A	S	S	A	S	S	A	S	S	A	S	S	A	S	S	A	S	S	A		
		M/F	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M	M	F	M		
Cable	Tp.	DIN			N			4.3			DIN			N			4.3			DIN			N			4.3					
1/4S (C09)	PSC50E-14CB	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PSC50FR-14CB	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PSC50FR-14CBBA	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PSC50E-14A	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PSC50FR-14A	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
1/4R (C01)	PFC50E-14CB	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PFC50FR-14CB	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PFC50FR-14CBBA	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PFC50E-14A	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PFC50FR-14A	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
3/8S (C02)	PSC50E-38CB	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PSC50FR-38CB	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PSC50E-38A	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
3/8R (C10)	PSC50FR-38A	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PFC50E-38CB	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PFC50FR-38CB	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PFC50E-38A	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
	PFC50FR-38A	X	X	O	X	X	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			
1/2S (C08)	PSC50E-12CB	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	PSC50FR-12CB	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	PSC50FR-12CBBA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	PSC50E-12A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	PSC50FR-12A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
1/2R (C03)	PFC50E-12CB	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	PFC50FR-12CB	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	PFC50FR-12A2BA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	PFC50E-12A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	PFC50FR-12A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
7/8R (C05)	PFC50E-78CB	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PFC50FR-78CB	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PFC50FR-78A2BA	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PFC50E-78A	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PFC50FR-78A	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
7/8L (C05)	PLC50E-78CB	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PLC50FR-78CB	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PLC50FR-78CBBA	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PLC50E-78A	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PLC50FR-78A	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
114R (C06)	PFC50E-114CB	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PFC50FR-114CB	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PFC50E-114A	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
114L (C06)	PFC50FR-114A	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PLC50E-114CB	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PLC50FR-114CB	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PLC50FR-114ABA	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PLC50E-114A	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
158R (C07)	PLC50FR-114A	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PFC50E-158CB	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PFC50FR-158CB	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PFC50E-158	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
158L (C07)	PFC50FR-158	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PLC50E-158CB	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PLC50FR-158CB	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			
	PLC50E-158	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O	X	X	O			

* Note:
X indicate the connector is available, O indicate the connector is not available.

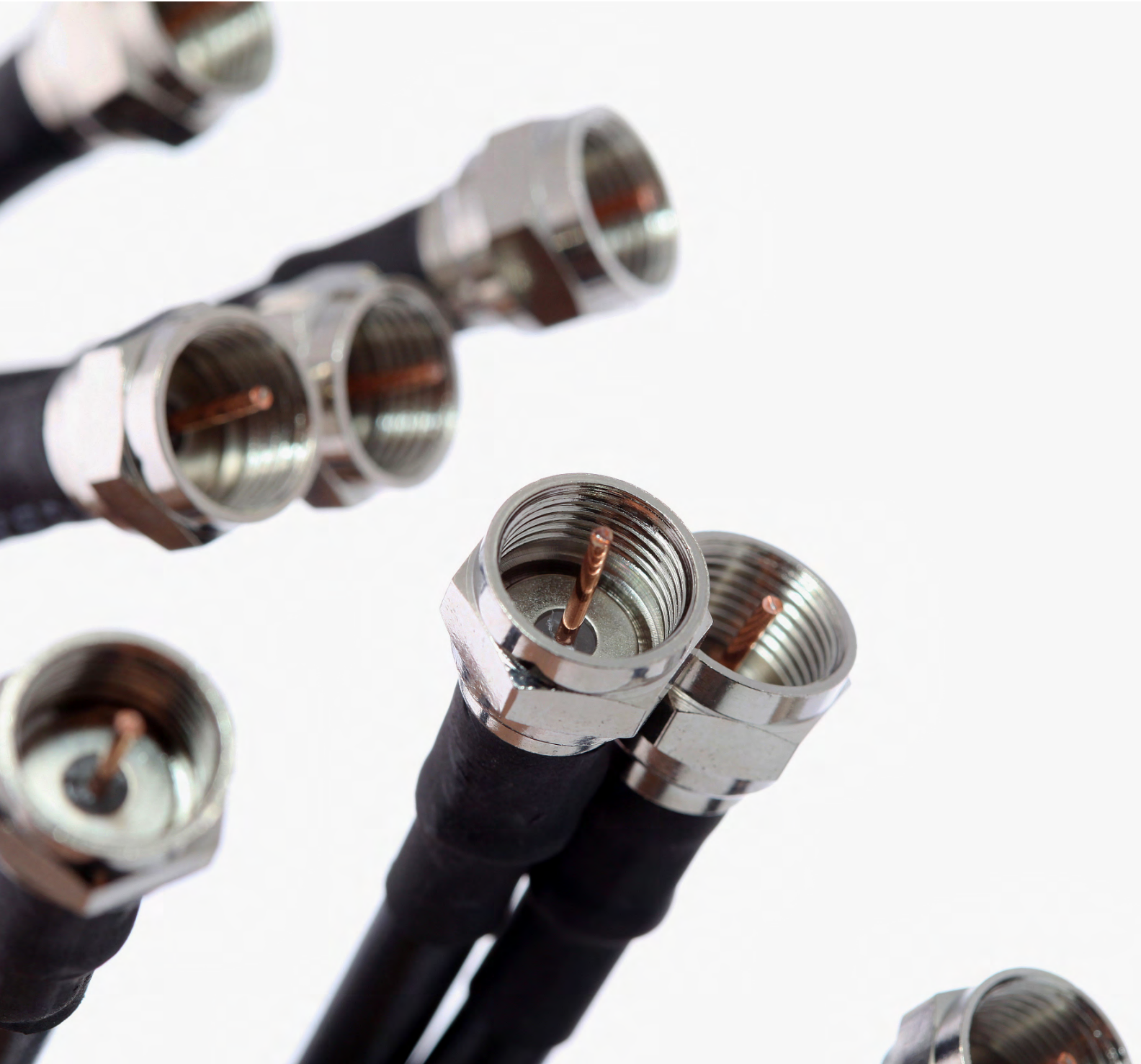
Coaxial Jumper

General Description

- Coaxial jumper is a pre-assembled feeder and connectors components, quickly deploy on the site

Features and Benefits

- Pre-assemble in the factory, less time take on the site
- Each jumper tested before sending
- PE and FRNC available for special use scenario
- Length available for different situation
- Strong connection status keeps good and stable performance



Single Jumper



Product part number explanation

PR-DM B-12 S 01-LR-43M B-XX-5000										
1	2	3	4	5	6	7	8	9	10	11
1	Brand: PROSE									
2,8	Connector: DM - DIN male, DF - DIN female, NM - N male, NF - N female, 43M - 4.3-10 male, 43F - 4.3-10 female									
3,9	Connector additional: A - angled type, B - Weatherproof boot pre-assembled, H - Hand screw									
4	Cable dimension: 12 -1/2", 14 -1/4", 38 - 3/8"									
5	Cable type: S - super flexible, R - regular flexible									
6	Cable Jacket: 01 - Black PE, 02 - Black FRNC									
7	Special for cable: LR - low return loss, LP - low PIM 3rd, BP - Bird proof									
10	Special for region									
11	Length, unit mm									

Typical Products

Part Number	Description
PR-DM-12S01-DM-1000	RF jumper 1/2"Super flexible, DIN male to DIN male, PE, 1m
PR-DM-12S01-DMA-1000	RF jumper 1/2"Super flexible, DIN male to DIN male angled, PE, 1m
PR-DM-12S01-DF-1000	RF jumper 1/2"Super flexible, DIN male to DIN female, PE, 1m
PR-DM-12S01-NM-1000	RF jumper 1/2"Super flexible, DIN male to N male, PE, 1m
PR-DM-12S01-NMA-1000	RF jumper 1/2"Super flexible, DIN male to N male angled, PE, 1m
PR-DM-12S01-NF-1000	RF jumper 1/2"Super flexible, DIN male to N female, PE, 1m
PR-DM-12S01-43M-1000	RF jumper 1/2"Super flexible, DIN male to 4.3-10 male, PE, 1m
PR-DM-12S01-43MA-1000	RF jumper 1/2"Super flexible, DIN male to 4.3-10 male angled, PE, 1m
PR-DM-12S01-43F-1000	RF jumper 1/2"Super flexible, DIN male to 4.3-10 female, PE, 1m
PR-DM-12S01-43FA-1000	RF jumper 1/2"Super flexible, DIN male to 4.3-10 female angled, PE, 1m
PR-DM-14S01-DM-1000	RF jumper 1/4"Super flexible, DIN male to DIN male, PE, 1m
PR-DM-14S01-43M-1000	RF jumper 1/4"Super flexible, DIN male to 4.3-10 male, PE, 1m
PR-DM-14S01-43MA-1000	RF jumper 1/4"Super flexible, DIN male to 4.3-10 male angled, PE, 1m
PR-DM-14S01-43F-1000	RF jumper 1/4"Super flexible, DIN male to 4.3-10 female, PE, 1m
PR-DM-14S01-43FA-1000	RF jumper 1/4"Super flexible, DIN male to 4.3-10 female angled, PE, 1m
PR-DM-12S02-DM-1000	RF jumper 1/2"Super flexible, DIN male to DIN male, fire resistance, 1m
PR-DM-12S02-DMA-1000	RF jumper 1/2"Super flexible, DIN male to DIN male angled, fire resistance, 1m
PR-DM-12S02-DF-1000	RF jumper 1/2"Super flexible, DIN male to DIN female, fire resistance, 1m
PR-DM-12S02-NM-1000	RF jumper 1/2"Super flexible, DIN male to N male, fire resistance, 1m
PR-DM-12S02-NMA-1000	RF jumper 1/2"Super flexible, DIN male to N male angled, fire resistance, 1m
PR-DM-12S02-NF-1000	RF jumper 1/2"Super flexible, DIN male to N female, fire resistance, 1m
PR-DM-12S02-43M-1000	RF jumper 1/2"Super flexible, DIN male to 4.3-10 male, fire resistance, 1m
PR-DM-12S02-43MA-1000	RF jumper 1/2"Super flexible, DIN male to 4.3-10 male angled, fire resistance, 1m
PR-DM-12S02-43F-1000	RF jumper 1/2"Super flexible, DIN male to 4.3-10 female, fire resistance, 1m
PR-DM-12S02-43FA-1000	RF jumper 1/2"Super flexible, DIN male to 4.3-10 female angled, fire resistance, 1m

Part Number	Description
PR-DM-14S02-DM-1000	RF jumper 1/4"Super flexible, DIN male to DIN male, fire resistance, 1m
PR-DM-14S02-43M-1000	RF jumper 1/4"Super flexible, DIN male to 4.3-10 male, fire resistance, 1m
PR-DM-14S02-43MA-1000	RF jumper 1/4"Super flexible, DIN male to 4.3-10 male angled, fire resistance, 1m
PR-DM-14S02-43F-1000	RF jumper 1/4"Super flexible, DIN male to 4.3-10 female, fire resistance, 1m
PR-DM-14S02-43FA-1000	RF jumper 1/4"Super flexible, DIN male to 4.3-10 female angled, fire resistance, 1m
PR-DM-12S02-C1-DM-1000	RF jumper 1/2"Super flexible, DIN male to DIN male, fire resistance, CPR, 1m
PR-DM-12S02-C1-DMA-1000	RF jumper 1/2"Super flexible, DIN male to DIN male angled, fire resistance, CPR, 1m
PR-DM-12S02-C1-DF-1000	RF jumper 1/2"Super flexible, DIN male to DIN female, fire resistance, CPR, 1m
PR-DM-12S02-C1-NM-1000	RF jumper 1/2"Super flexible, DIN male to N male, fire resistance, CPR, 1m
PR-DM-12S02-C1-NMA-1000	RF jumper 1/2"Super flexible, DIN male to N male angled, fire resistance, CPR, 1m
PR-DM-12S02-C1-NF-1000	RF jumper 1/2"Super flexible, DIN male to N female, fire resistance, CPR, 1m
PR-DM-12S02-C1-43M-1000	RF jumper 1/2"Super flexible, DIN male to 4.3-10 male, fire resistance, CPR, 1m
PR-DM-12S02-C1-43MA-1000	RF jumper 1/2"Super flexible, DIN male to 4.3-10 male angled, fire resistance, CPR, 1m
PR-DM-12S02-C1-43F-1000	RF jumper 1/2"Super flexible, DIN male to 4.3-10 female, fire resistance, CPR, 1m
PR-DM-12S02-C1-43FA-1000	RF jumper 1/2"Super flexible, DIN male to 4.3-10 female angled, fire resistance, CPR, 1m
PR-DM-14S02-C1-DM-1000	RF jumper 1/4"Super flexible, DIN male to DIN male, fire resistance, CPR, 1m
PR-DM-14S02-C1-43M-1000	RF jumper 1/4"Super flexible, DIN male to 4.3-10 male, fire resistance, CPR, 1m
PR-DM-14S02-C1-43MA-1000	RF jumper 1/4"Super flexible, DIN male to 4.3-10 male angled, fire resistance, CPR, 1m
PR-DM-14S02-C1-43F-1000	RF jumper 1/4"Super flexible, DIN male to 4.3-10 female, fire resistance, CPR, 1m
PR-DM-14S02-C1-43FA-1000	RF jumper 1/4"Super flexible, DIN male to 4.3-10 female angled, fire resistance, CPR, 1m

Cluster Jumper

Typical Products

Part Number	Description
PR-MQ4M-1301-43M-1000	Cluster jumper 1/3"Super flexible, MQ4 male to 4.3-10 male, 0-4GHz
PR-MQ5M-1301-43M-1000	Cluster jumper 1/3"Super flexible, MQ5 male to 4.3-10 male, 0-4GHz
PR-MQ4M-1301-NM-1000	Cluster jumper 1/3"Super flexible, MQ4 male to N male, 0-4GHz
PR-MQ5M-1301-NM-1000	Cluster jumper 1/3"Super flexible, MQ5 male to N male, 0-4GHz
PR-MQ4M-1301-XM-1000	Cluster jumper 1/3"Super flexible, MQ4 male to Nex10 male, 0-4GHz
PR-MQ5M-1301-XM-1000	Cluster jumper 1/3"Super flexible, MQ5 male to Nex10 male, 0-4GHz
PR-MQ4M-1401-MQ4M-1000	Cluster jumper 1/4"Super flexible, MQ4 male to MQ4 male, 0-4GHz
PR-MQ5M-1401-MQ5M-1000	Cluster jumper 1/4"Super flexible, MQ5 male to MQ5 male, 0-4GHz
PR-MQ4M-1401-43M-1000	Cluster jumper 1/4"Super flexible, MQ4 male to 4.3-10 male, 0-4GHz
PR-MQ5M-1401-43M-1000	Cluster jumper 1/4"Super flexible, MQ5 male to 4.3-10 male, 0-4GHz
PR-MQ4M-1401-NM-1000	Cluster jumper 1/4"Super flexible, MQ4 male to N male, 0-4GHz
PR-MQ5M-1401-NM-1000	Cluster jumper 1/4"Super flexible, MQ5 male to N male, 0-4GHz
PR-MQ4M-1401-XM-1000	Cluster jumper 1/4"Super flexible, MQ4 male to Nex10 male, 0-4GHz
PR-MQ5M-1401-XM-1000	Cluster jumper 1/4"Super flexible, MQ5 male to Nex10 male, 0-4GHz

RF Jumper: Intermediate Frequency



Typical Products

Part Number	Description
PR-NM-L195-SMAM-3000	LMR195 cable assembly 3m, N male to SMA male
PR-NM-L195-SMAM-5000	LMR195 cable assembly 5m, N male to SMA male
PR-NM-L195-SMAMA-3000	LMR195 cable assembly 3m, N male to SMA male angled
PR-NM-L195-SMAMA-5000	LMR195 cable assembly 5m, N male to SMA male angled
PR-NF-L195-SMAM-3000	LMR195 cable assembly 3m, N female to SMA male
PR-NF-L195-SMAM-5000	LMR195 cable assembly 5m, N female to SMA male
PR-NF-L195-SMAMA-3000	LMR195 cable assembly 3m, N female to SMA male angled
PR-NF-L195-SMAMA-5000	LMR195 cable assembly 5m, N female to SMA male angled
PR-NM-L400-NM-3000	LMR400 cable assembly 3m, N male to N male
PR-NM-L400-NM-5000	LMR400 cable assembly 5m, N male to N male
PR-NM-L400-NM-10000	LMR400 cable assembly 10m, N male to N male
PR-NM-L400-NF-3000	LMR400 cable assembly 3m, N male to N female
PR-NM-L400-NF-5000	LMR400 cable assembly 5m, N male to N female
PR-NM-L400-NF-10000	LMR400 cable assembly 10m, N male to N female
PR-NM-L400-SM-3000	LMR400 cable assembly 3m, N male to SMA male
PR-NM-L400-SM-5000	LMR400 cable assembly 5m, N male to SMA male
PR-NM-L400-SM-10000	LMR400 cable assembly 10m, N male to SMA male
PR-NM-L400-SF-3000	LMR400 cable assembly 3m, N male to SMA female
PR-NM-L400-SF-5000	LMR400 cable assembly 5m, N male to SMA female
PR-NM-L400-SF-10000	LMR400 cable assembly 10m, N male to SMA female
PR-NM-L400-TM-3000	LMR400 cable assembly 3m, N male to TNC male
PR-NM-L400-TM-5000	LMR400 cable assembly 5m, N male to TNC male
PR-NM-L400-TM-10000	LMR400 cable assembly 10m, N male to TNC male
PR-NM-L400-TMA-3000	LMR400 cable assembly 3m, N male to TNC male angled
PR-NM-L400-TMA-5000	LMR400 cable assembly 5m, N male to TNC male angled
PR-NM-L400-TMA-10000	LMR400 cable assembly 10m, N male to TNC male angled
PR-NM-R316-43M-3000	RG316 cable assembly 3m, N male to 4.3-10 male
PR-NM-R316-43M-5000	RG316 cable assembly 5m, N male to 4.3-10 male
PR-NM-L316-43M-10000	RG316 cable assembly 10m, N male to 4.3-10 male
PR-NM-L316-NF-3000	RG316 cable assembly 3m, N male to N female
PR-NM-L316-NF-5000	RG316 cable assembly 5m, N male to N female
PR-NM-L316-NF-10000	RG316 cable assembly 10m, N male to N female
PR-NM-L316-SM-3000	RG316 cable assembly 3m, N male to SMA male
PR-NM-L316-SM-5000	RG316 cable assembly 5m, N male to SMA male
PR-NM-L316-SM-10000	RG316 cable assembly 10m, N male to SMA male
PR-NM-L316-SF-3000	RG316 cable assembly 3m, N male to SMA female
PR-NM-L316-SF-5000	RG316 cable assembly 5m, N male to SMA female
PR-NM-L316-SF-10000	RG316 cable assembly 10m, N male to SMA female
PR-NM-L316-TM-5000	RG316 cable assembly 5m, N male to TNC male
PR-NM-L316-TM-10000	RG316 cable assembly 10m, N male to TNC male

* Note:
Different lengths and connectors are available on request

Feeder System Installation Material



Cable Clamp

Feeder clamp: single hole & double hole

General Description

- The clamp is designed to support 1 to 4 cables from 1/4" to 1 5/8" cable
- Without additional adapters, provide sturdy, reliable, long-term support
- Easily attaches to flat, angle and channel tower members

Features and Benefits

- Easy to install
- Low wind profile
- UV and corrosion resistant with SUS304/steel bracket
- Suitable for extreme temperature applications
- Recommended spacing: 0.8~1.0m



Typical Products

Part Number	Description
PR-CC1-11C01	Single hole clamp 1/4"Rx1, 1 way
PR-CC1-12C01	Single hole clamp 1/4"Rx2, 2 ways
PR-CC1-13C01	Single hole clamp 1/4"Rx3, 3 ways
PR-CC1-11C02	Single hole clamp 3/8"Sx1, 1 way
PR-CC1-12C02	Single hole clamp 3/8"Sx2, 2 ways
PR-CC1-13C02	Single hole clamp 3/8"Sx3, 3 ways
PR-CC1-14C02	Single hole clamp 3/8"Sx4, 4 ways
PR-CC1-11C03	Single hole clamp 1/2"Rx1, 1 way
PR-CC1-12C03	Single hole clamp 1/2"Rx2, 2ways
PR-CC1-13C03	Single hole clamp 1/2"Rx3, 3 ways
PR-CC1-14C03	Single hole clamp 1/2"Rx4, 4 ways
PR-CC1-11C05	Single hole clamp 7/8"x1, 1 way
PR-CC1-12C05	Single hole clamp 7/8"x2, 2 ways
PR-CC1-13C05	Single hole clamp 7/8"x3, 3 ways
PR-CC1-14C05	Single hole clamp 7/8"x4, 4 ways
PR-CC1-11C06	Single hole clamp 1 1/4"x1, 1 way
PR-CC1-12C06	Single hole clamp 1 1/4"x2, 2 ways
PR-CC1-13C06	Single hole clamp 1 1/4"x3, 3 ways
PR-CC1-11C07	Single hole clamp 1 5/8"x1, 1 way
PR-CC1-12C07	Single hole clamp 1 5/8"x2, 2 ways
PR-CC1-13C07	Single hole clamp 1 5/8"x3, 3 ways
PR-CC1-11C08	Single hole clamp 1/2"Sx1, 1 way
PR-CC1-12C08	Single hole clamp 1/2"Sx2, 2 ways
PR-CC1-13C08	Single hole clamp 1/2"Sx3, 3 ways
PR-CC1-14C08	Single hole clamp 1/2"Sx4, 4 ways

Part Number	Description
PR-CC1-22C01	Double hole clamp 1/4"Rx2, 2 ways
PR-CC1-24C01	Double hole clamp 1/4"Rx4, 4 ways
PR-CC1-26C01	Double hole clamp 1/4"Rx6, 6 ways
PR-CC1-22C02	Double hole clamp 3/8"Sx2, 2 ways
PR-CC1-24C02	Double hole clamp 3/8"Sx4, 4 ways
PR-CC1-26C02	Double hole clamp 3/8"Sx6, 6 ways
PR-CC1-28C02	Double hole clamp 3/8"Sx8, 8 ways
PR-CC1-22C03	Double hole clamp 1/2"Rx2, 2 ways
PR-CC1-24C03	Double hole clamp 1/2"Rx4, 4 ways
PR-CC1-26C03	Double hole clamp 1/2"Rx6, 6 ways
PR-CC1-28C03	Double hole clamp 1/2"Rx8, 8 ways
PR-CC1-22C05	Double hole clamp 7/8"x2, 2 ways
PR-CC1-24C05	Double hole clamp 7/8"x4, 4 ways
PR-CC1-26C05	Double hole clamp 7/8"x6, 6 ways
PR-CC1-28C05	Double hole clamp 7/8"x8, 8 ways
PR-CC1-22C06	Double hole clamp 1 1/4"x2, 2 ways
PR-CC1-24C06	Double hole clamp 1 1/4"x4, 4 ways
PR-CC1-26C06	Double hole clamp 1 1/4"x6, 6 ways
PR-CC1-22C07	Double hole clamp 1 5/8"x2, 2 ways
PR-CC1-24C07	Double hole clamp 1 5/8"x4, 4 ways
PR-CC1-26C07	Double hole clamp 1 5/8"x6, 6 ways
PR-CC1-22C08	Double hole clamp 1/2"Sx2, 2 ways
PR-CC1-24C08	Double hole clamp 1/2"Sx4, 4 ways
PR-CC1-26C08	Double hole clamp 1/2"Sx6, 6 ways
PR-CC1-28C08	Double hole clamp 1/2"Sx8, 8 ways

Feeder clamp: hose clamp

General Description

- Adapter to round members and support pipes
- Without additional adapters, provide sturdy, reliable, long-term support

Features and Benefits

- Easy to install
- Load wind profile
- UV and corrosion resistant with SUS304 bracket
- Can be used for extreme temperature applications
- Recommended distance of clamps: 0.8~1.0m



Typical Products

Part Number	Description
PR-CC3-11C01	Hose clamp single hole 1/4"Rx1, 1 way
PR-CC3-12C01	Hose clamp single hole 1/4"Rx1, 2 ways
PR-CC3-13C01	Hose clamp single hole 1/4"Rx1, 3 ways
PR-CC3-11C02	Hose clamp single hole 3/8"Sx1, 1 way
PR-CC3-12C02	Hose clamp single hole 3/8"S x1, 2 ways
PR-CC3-13C02	Hose clamp single hole 3/8"Sx1, 3 ways
PR-CC3-11C03	Hose clamp single hole 1/2"Rx1, 1 way
PR-CC3-12C03	Hose clamp single hole 1/2"Rx1, 2 ways
PR-CC3-13C03	Hose clamp single hole 1/2"Rx1, 3 ways
PR-CC3-11C05	Hose clamp single hole 7/8"x1, 1 way
PR-CC3-12C05	Hose clamp single hole 7/8"x1, 2 ways
PR-CC3-13C05	Hose clamp single hole 7/8"x1, 3 ways
PR-CC3-11C06	Hose clamp single hole 1 1/4"x1, 1 way
PR-CC3-12C06	Hose clamp single hole 1 1/4"x1, 2 ways
PR-CC3-13C06	Hose clamp single hole 1 1/4"x1, 3 ways
PR-CC3-11C07	Hose clamp single hole 1 5/8"x1, 1 way
PR-CC3-12C07	Hose clamp single hole 1 5/8"x1, 2 ways
PR-CC3-13C07	Hose clamp single hole 1 5/8"x1, 3 ways
PR-CC3-11C08	Hose clamp single hole 1/2"Sx1, 1 way
PR-CC3-12C08	Hose clamp single hole 1/2"Sx1, 2 ways
PR-CC3-13C08	Hose clamp single hole 1/2"Sx1, 3 ways
PR-CC3-11C09	Hose clamp single hole 1/4"Sx1, 1 way
PR-CC3-12C09	Hose clamp single hole 1/4"Sx1, 2 ways
PR-CC3-13C09	Hose clamp single hole 1/4"Sx1, 3 ways

Part Number	Description
PR-CC3-22C01	Hose clamp dual holes 1/4"Rx2, 2 ways
PR-CC3-24C01	Hose clamp dual holes 1/4"Rx4, 4 ways
PR-CC3-26C01	Hose clamp dual holes 1/4"Rx6, 6 ways
PR-CC3-22C02	Hose clamp dual holes 3/8"Sx2, 2 ways
PR-CC3-24C02	Hose clamp dual holes 3/8"Sx4, 4 ways
PR-CC3-26C02	Hose clamp dual holes 3/8"Sx6, 6 ways
PR-CC3-22C03	Hose clamp dual holes 1/2"Rx2, 2 ways
PR-CC3-24C03	Hose clamp dual holes 1/2"Rx4, 4 ways
PR-CC3-26C03	Hose clamp dual holes 1/2"Rx6, 6 ways
PR-CC3-22C05	Hose clamp dual holes 7/8"x2, 2 ways
PR-CC3-24C05	Hose clamp dual holes 7/8"x4, 4 ways
PR-CC3-26C05	Hose clamp dual holes 7/8"x6, 6 ways
PR-CC3-22C06	Hose clamp dual holes 1 1/4"x2, 2 ways
PR-CC3-24C06	Hose clamp dual holes 1 1/4"x4, 4 ways
PR-CC3-26C06	Hose clamp dual holes 1 1/4"x6, 6 ways
PR-CC3-22C07	Hose clamp dual holes 1 5/8"x2, 2 ways
PR-CC3-24C07	Hose clamp dual holes 1 5/8"x4, 4 ways
PR-CC3-26C07	Hose clamp dual holes 1 5/8"x6, 6 ways
PR-CC3-22C08	Hose clamp dual holes 1/2"x2, 2 ways
PR-CC3-24C08	Hose clamp dual holes 1/2"x4, 4 ways
PR-CC3-26C08	Hose clamp dual holes 1/2"x6, 6 ways
PR-CC3-22C09	Hose clamp dual holes 1/4"Sx2, 2 ways
PR-CC3-24C09	Hose clamp dual holes 1/4"Sx4, 4 ways
PR-CC3-26C09	Hose clamp dual holes 1/4"Sx6, 6 ways

Fiber and power cable clamp

General Description

- The clamp is designed to secure 2 to 6 fibers and power cables
- Without additional adapters, provide sturdy, reliable, long-term support
- Attaches easily to flat, angle, channel tower members

Features and Benefits

- Rubber grommet protects and supports power and fiber cables
- Easy to install
- Low wind profile
- UV and corrosion resistant SUS304 bracket
- Can be used for extreme temperature applications
- Recommended distance of clamps: 0.5m



Typical Products

Part Number	Description
PR-CC1-22PF1	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø9~13mm, 2 runs
PR-CC1-24PF1	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø9~13mm, 4 runs
PR-CC1-26PF1	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø9~13mm, 6 runs
PR-CC1-26PF1-R38	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø9~13mm, 6 runs, rod 3/8"
PR-CC1-2CPF1-R38	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø9~13mm, 12 runs, rod 3/8"
PR-CC1-24PF2	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø15~16mm, 4 runs
PR-CC1-22PF6	Dual hole clamp for fiber Ø9~13mm and power cable Ø17.5~19mm, 2 runs
PR-CC1-24PF6	Dual hole clamp for fiber Ø9~13mm and power cable Ø17.5~19mm, 4 runs
PR-CC1-26PF6	Dual hole clamp for fiber Ø9~13mm and power cable Ø17.5~19mm, 6 runs
PR-CC1-39PF12	Three hole clamp for fiber Ø7mm and 2xpower cable Ø10mm, 9 runs
PR-CC1-22PF13	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø14~17mm, 2 runs
PR-CC1-24PF13	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø14~17mm, 4 runs
PR-CC1-26PF13	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø14~17mm, 6 runs
PR-CC1-28PF13	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø14~17mm, 8 runs
PR-CC1-2APF13	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø14~17mm, 10 runs
PR-CC1-22PF14	Dual hole clamp for fiber Ø4.5~7mm, 2 runs
PR-CC1-24PF14	Dual hole clamp for fiber Ø4.5~7mm, 4 runs
PR-CC1-26PF14	Dual hole clamp for fiber Ø4.5~7mm, 6 runs
PR-CC1-22PF15	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø18~22mm, 2 runs
PR-CC1-24PF15	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø18~22mm, 4 runs
PR-CC1-26PF15	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø18~22mm, 6 runs
PR-CC1-28PF15	Dual hole clamp for fiber Ø4.5~7mm and power cable Ø18~22mm, 8 runs

Radiation cable clamp

General Description

- The clamp is designed to secure 1 radiation cable from 1/2", 7/8", 1 1/4", 1 5/8"
- Wrap around click clamp easily deploys to lock in and secure the cable
- The clamp can be installed on the ceiling or wall

Features and Benefits

- Easy and quick to install
- UV and corrosion resistant
- Can be used for extreme temperature applications
- Recommend distance of clamps: 0.5~1.5m



Typical Products

Part Number	Description
PR-LCCP1-C03	Cable clamp for 1/2"R radiation cable, normal type
PR-LCCP1-C05	Cable clamp for 7/8" radiation cable, normal type
PR-LCCP1-C06	Cable clamp for 1 1/4" radiation cable, normal type
PR-LCCP1-C07	Cable clamp for 1 5/8" radiation cable, normal type



Typical Products

Part Number	Description
PR-LCCM1-C03	Cable clamp for 7/8" radiation cable, fire resistance
PR-LCCM1-C05	Cable clamp for 7/8" radiation cable, fire resistance
PR-LCCM1-C06	Cable clamp for 1 1/4" radiation cable, fire resistance
PR-LCCM1-C07	Cable clamp for 1 5/8" radiation cable, fire resistance

Clamp Accessories

General Description

- The clamp accessories is available for customize in the filed installation to satisfy the different application

Features and Benefits

- Easy to install
- High matching to different manufacture
- UV and corrosion resistance with high quality material
- High temperatures and good weather resistance



Typical Products

Part Number	Description
PR-CIH-C03	Clip in hanger for 1/2"R radiating cable
PR-CIH-C05	Clip in hanger for 7/8" radiating cable
PR-CIH-C06	Clip in hanger for 1 1/4" radiating cable
PR-CIH-C07	Clip in hanger for 1 5/8" radiating cable



Typical Products

Part Number	Description
PR-BH114-C03	Butterfly hanger for 1/2"R cable
PR-BH114-58	Butterfly hanger for 5/8" cable
PR-BH114-C05	Butterfly hanger for 7/8" cable
PR-BH114-C06	Butterfly hanger for 1 1/4" cable
PR-BH114-C07	Butterfly hanger for 1 5/8" cable
PR-BH114-214	Butterfly hanger for 2 1/4" cable



Typical Products

Part Number	Description
PR-SLH-C03	Self locking hanger for 1/2"R radiating cable
PR-SLH-C05	Self locking hanger for 7/8" radiating cable
PR-SLH-C06	Self locking hanger for 1 1/4" radiating cable
PR-SLH-C07	Self locking hanger for 1 5/8" radiating cable



Typical Products

Part Number	Description
PR-PCP1-C03	Plastic cable clamp 1way for 1/2" coaxial cable, thread hole M8
PR-PCP1-C05	Plastic cable clamp 1way for 7/8" coaxial cable, thread hole M8
PR-PCP1-C06	Plastic cable clamp 1way for 1 1/4" coaxial cable, thread hole M8
PR-PCP1-C07	Plastic cable clamp 1way for 1 5/8" coaxial cable, thread hole M8
PR-PCP1-H20	Plastic cable clamp 1way for Ø20 cable, thread hole M8
PR-PCP1-H30	Plastic cable clamp 1way for Ø30 cable, thread hole M8
PR-PCP1-H35	Plastic cable clamp 1way for Ø35 cable, thread hole M8
PR-PCP1-H40	Plastic cable clamp 1way for Ø40 cable, thread hole M8
PR-PCP1-H45	Plastic cable clamp 1way for Ø45 cable, thread hole M8
PR-PCP1-H50	Plastic cable clamp 1way for Ø50 cable, thread hole M8
PR-PCP1-C03-R38	Plastic cable clamp 1way for 1/2" coaxial cable, thread hole M10
PR-PCP1-C05-R38	Plastic cable clamp 1way for 7/8" coaxial cable, thread hole M10
PR-PCP1-C06-R38	Plastic cable clamp 1way for 1 1/4" coaxial cable, thread hole M10
PR-PCP1-C07-R38	Plastic cable clamp 1way for 1 5/8" coaxial cable, thread hole M10
PR-PCP1-H20-R38	Plastic cable clamp 1way for Ø20 cable, thread hole M10
PR-PCP1-H30-R38	Plastic cable clamp 1way for Ø30 cable, thread hole M10



Typical Products

Part Number	Description
PR-PCP2-C03	Plastic cable clamp 2ways for 1/2" coaxial cable, thread hole M8
PR-PCP2-C05	Plastic cable clamp 2ways for 7/8" coaxial cable, thread hole M8
PR-PCP2-C06	Plastic cable clamp 2ways for 1 1/4" coaxial cable, thread hole M8
PR-PCP2-C07	Plastic cable clamp 2ways for 1 5/8" coaxial cable, thread hole M8
PR-PCP2-H20	Plastic cable clamp 2ways for Ø20 cable, thread hole M8
PR-PCP2-H30	Plastic cable clamp 2ways for Ø30 cable, thread hole M8
PR-PCP2-H35	Plastic cable clamp 2ways for Ø35 cable, thread hole M8
PR-PCP2-H40	Plastic cable clamp 2ways for Ø40 cable, thread hole M8
PR-PCP2-H45	Plastic cable clamp 2ways for Ø45 cable, thread hole M8
PR-PCP2-H50	Plastic cable clamp 2ways for Ø50 cable, thread hole M8
PR-PCP2-C03-R38	Plastic cable clamp 2ways for 1/2" coaxial cable, thread hole M10
PR-PCP2-C05-R38	Plastic cable clamp 2ways for 7/8" coaxial cable, thread hole M10
PR-PCP2-C06-R38	Plastic cable clamp 2ways for 1 1/4" coaxial cable, thread hole M10
PR-PCP2-C07-R38	Plastic cable clamp 2ways for 1 5/8" coaxial cable, thread hole M10
PR-PCP2-H20-R38	Plastic cable clamp 2ways for Ø20 cable, thread hole M10
PR-PCP2-H30-R38	Plastic cable clamp 2ways for Ø30 cable, thread hole M10
PR-PCP2-H35-R38	Plastic cable clamp 2ways for Ø35 cable, thread hole M10

Hoisting Grip

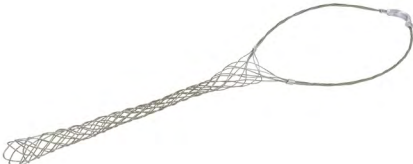
Hoisting grip kit (pre-laced)

General Description

- The hoisting grip is designed to lift the cable to the top of the tower
- Pre-laced hoisting grip features a closed-mesh design allowing the grip to slip over an unterminated end of coax and securely tighten when pulled
- Provides permanent support once in place while resisting strain, pull-out, flexure and vibration

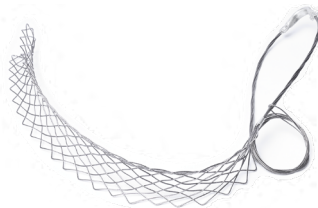
Features and Benefits

- Simply compress and slip the grip over the cable
- UV and corrosion resistant SUS304 materials
- Can be used for extreme temperature applications



Hoisting grip kit (pre-laced)

Part Number	Description
PR-HG1-C01	Pre-laced hoisting grip for 1/4"R cable
PR-HG1-C03	Pre-laced hoisting grip for 1/2"R cable
PR-HG1-R58	Pre-laced hoisting grip for 5/8" cable
PR-HG1-C05	Pre-laced hoisting grip for 7/8" cable
PR-HG1-C06	Pre-laced hoisting grip for 1 1/4" cable
PR-HG1-C07	Pre-laced hoisting grip for 1 5/8" cable
PR-HG1-R214	Pre-laced hoisting grip for 2 1/4" cable
PR-HG1-R318	Pre-laced hoisting grip for 3 1/8" cable
PR-HG1-20	Pre-laced hoisting grip for 20mm cable
PR-HG1-30	Pre-laced hoisting grip for 30mm cable
PR-HG1-35	Pre-laced hoisting grip for 35mm cable
PR-HG1-40	Pre-laced hoisting grip for 40mm cable
PR-HG1-45	Pre-laced hoisting grip for 45mm cable
PR-HG1-50	Pre-laced hoisting grip for 50mm cable



Hoisting grip kit (lace-up)

Part Number	Description
PR-HG3-C03	Lace-up hoisting grip for 1/2"R cable
PR-HG3-R58	Lace-up hoisting grip for 5/8" cable
PR-HG3-C05	Lace-up hoisting grip for 7/8" cable
PR-HG3-C06	Lace-up hoisting grip for 1 1/4" cable
PR-HG3-C07	Lace-up hoisting grip for 1 5/8" cable
PR-HG3-R214	Lace-up hoisting grip for 2 1/4" cable
PR-HG3-R318	Lace-up hoisting grip for 3 1/8" cable
PR-HG3-20	Lace-up hoisting grip for 20mm cable
PR-HG3-30	Lace-up hoisting grip for 30mm cable
PR-HG3-35	Lace-up hoisting grip for 35mm cable
PR-HG3-40	Lace-up hoisting grip for 40mm cable
PR-HG3-45	Lace-up hoisting grip for 45mm cable
PR-HG3-50	Lace-up hoisting grip for 50mm cable

Cable Entry

Cable entry: boot

General Description

- The boot is designed for ease of installation onto cable entry plate
- Each boot assembly includes a boot and hose clamp
- Inserts can support multiple runs of cable

Features and Benefits

- Supports and helps prevent water ingress
- Various combinations with entry plate
- UV and corrosion resistant with EDPM rubber and stainless steel



Typical Products

Part Number	Description
PR-EB-4C03	4" cable entry boots with 4 holes for 1/2"R feeder cable
PR-EB-3C03	4" cable entry boots with 3 holes for 1/2"R feeder cable
PR-EB-2C03	4" cable entry boots with 2 holes for 1/2"R feeder cable
PR-EB-1C03	4" cable entry boots with 1 hole for 1/2"R feeder cable
PR-EB-4C05	4" cable entry boots with 4 holes for 7/8" feeder cable
PR-EB-3C05	4" cable entry boots with 3 holes for 7/8" feeder cable
PR-EB-2C05	4" cable entry boots with 2 holes for 7/8" feeder cable
PR-EB-1C05	4" cable entry boots with 1 hole for 7/8" feeder cable
PR-EB-1C06	4" cable entry boots with 1 hole for 1 1/4" feeder cable
PR-EB-1C07	4" cable entry boots with 1 hole for 1 5/8" feeder cable
PR-EB-1H20	4" cable entry boots with 1 hole for 20mm feeder cable
PR-EB-1H30	4" cable entry boots with 1 hole for 30mm feeder cable
PR-EB-1H35	4" cable entry boots with 1 hole for 35mm feeder cable
PR-EB-1H40	4" cable entry boots with 1 hole for 40mm feeder cable
PR-EB-1H45	4" cable entry boots with 1 hole for 45mm feeder cable
PR-EB-1H50	4" cable entry boots with 1 hole for 50mm feeder cable

Cable entry: plate

General Description

- Designed for wall or roof installations
- Included anchor bolts and sealing caps
- Used together with the corresponding size rubber cable boot

Features and Benefits

- Sealing caps are furnished on each port accommodates all 4" entry boots
- UV and corrosion resistant aluminum plate
- Can be used for extreme temperature applications



Typical Products

Part Number	Description
PR-EP-11	4" cable entry plates, 1 port, should be used with 4" cable entry boots
PR-EP-12	4" cable entry plates, 2 ports, should be used with 4" cable entry boots
PR-EP-13	4" cable entry plates, 3 ports, should be used with 4" cable entry boots
PR-EP-22	4" cable entry plates, 4 ports, should be used with 4" cable entry boots
PR-EP-23	4" cable entry plates, 6 ports, should be used with 4" cable entry boots
PR-EP-24	4" cable entry plates, 8 ports, should be used with 4" cable entry boots
PR-EP-34	4" cable entry plates, 12 ports, should be used with 4" cable entry boots
PR-EP-44	4" cable entry plates, 16 ports, should be used with 4" cable entry boots
PR-EP-45	4" cable entry plates, 20 ports, should be used with 4" cable entry boots

Cable entry set



Typical Products

Part Number	Description
PR-EPS-11C03	Entry set with 1 boot of 1 hole 1/2"
PR-EPS-12C03	Entry set with 1 boot of 2 holes 1/2"
PR-EPS-13C03	Entry set with 1 boot of 3 holes 1/2"
PR-EPS-14C03	Entry set with 1 boot of 4 holes 1/2"
PR-EPS-21C03	Entry set with 2 boot, each one 1 hole 1/2"
PR-EPS-22C03	Entry set with 2 boot, each one 2 hole 1/2"
PR-EPS-23C03	Entry set with 2 boot, each one 3 hole 1/2"
PR-EPS-24C03	Entry set with 2 boot, each one 4 hole 1/2"
PR-EPS-31C05	Entry set with 3 boot, each one 1 hole 7/8"
PR-EPS-32C05	Entry set with 3 boot, each one 2 hole 7/8"
PR-EPS-33C05	Entry set with 3 boot, each one 3 hole 7/8"
PR-EPS-34C05	Entry set with 3 boot, each one 4 hole 7/8"
PR-EPS-41C06	Entry set with 4 boot, each one 1 hole 1 1/4"
PR-EPS-41C07	Entry set with 4 boot, each one 1 hole 1 5/8"
PR-EPS-11C03+13C05	Entry set with 2 boot, 1 for 1 hole 1/2", 1 for 3 holes 7/8"
PR-EPS-14C05+21C06	Entry set with 3 boot, 1 for 4 hole 7/8", 1 for 1 hole 1 1/4"
PR-EPS-24C05+21C06	Entry set with 4 boot, 2 for 4 hole 7/8", 2 for 1 hole 1 1/4"

Cable Gland

General Description

- Connector and gland kit provides a weatherproof seal at distribution box

Features and Benefits

- Various size for different diameters
- Easily installed over the cable and to the housing
- Reusable and reliable sealing



Plastic gland

Part Number	Description
PR-GLD-M12A-05BK	Gland for cable diameter 3~5mm
PR-GLD-M16A-06BK	Gland for cable diameter 4~7mm
PR-GLD-M20A-14BK	Gland for cable diameter 7~14mm
PR-GLD-M25A-18BK	Gland for cable diameter 13 ~18mm
PR-GLD-M32A-22BK	Gland for cable diameter 17~22mm
PR-GLD-M40A-30BK	Gland for cable diameter 21~30mm
PR-GLD-M50A-39BK	Gland for cable diameter 30~41mm
PR-GLD-M63A-46BK	Gland for cable diameter 40~46mm
PR-GLD-M63A-49BK	Gland for cable diameter 44~51mm
PR-GLD-M75A-56BK	Gland for cable diameter 50~56mm
PR-GLD-M75A-66BK	Gland for cable diameter 56~66mm
PR-GLD-M90A-68BK	Gland for cable diameter 58~68mm
PR-GLD-M90A-77BK	Gland for cable diameter 70~80mm
PR-GLD-PG9A-08BK	Gland for cable diameter 4.5~7.8mm
PR-GLD-PG11A-10BK	Gland for cable diameter 6~10mm
PR-GLD-PG13.5A-12BK	Gland for cable diameter 7~12mm
PR-GLD-PG16A-14BK	Gland for cable diameter 9 ~12.mm
PR-GLD-PG21A-16BK	Gland for cable diameter 12~16mm
PR-GLD-PG29A-22BK	Gland for cable diameter 16~22mm
PR-GLD-PG29A-25BK	Gland for cable diameter 18~25mm
PR-GLD-PG36A-26BK	Gland for cable diameter 20~26mm
PR-GLD-PG36A-30BK	Gland for cable diameter 24~31mm
PR-GLD-PG42A-32BK	Gland for cable diameter 25~32mm
PR-GLD-PG42A-39BK	Gland for cable diameter 31~39mm
PR-GLD-PG48A-45BK	Gland for cable diameter 36~45mm



Stainless steel gland

Part Number	Description
PR-GLD-SS-M6x1-03	Gland for cable diameter 3.2~2mm
PR-GLD-SS-M8x1.25-02	Gland for cable diameter 2~0.8mm
PR-GLD-SS-M8x1.25-04	Gland for cable diameter 3.8~2.3mm
PR-GLD-SS-M10x1.5-06	Gland for cable diameter 6.3~4.8mm
PR-GLD-SS-M12x1.5-05	Gland for cable diameter 5.3~3mm
PR-GLD-SS-M12x1.5-07	Gland for cable diameter 6.8~4mm
PR-GLD-SS-M12x1.5-08	Gland for cable diameter 7.8~4.5mm
PR-GLD-SS-M16x1.5-06	Gland for cable diameter 7~4mm
PR-GLD-SS-M16x1.5-08	Gland for cable diameter 7.8~4.5mm
PR-GLD-SS-M16x1.5-10	Gland for cable diameter 10~6mm
PR-GLD-SS-M20x1.5-10	Gland for cable diameter 11.3~7mm
PR-GLD-SS-M20x1.5-12	Gland for cable diameter 12~7mm
PR-GLD-SS-M20x1.5-14	Gland for cable diameter 14~9mm
PR-GLD-SS-M25x1.5-16	Gland for cable diameter 16~12mm
PR-GLD-SS-M25x1.5-18	Gland for cable diameter 18~14mm
PR-GLD-SS-M32x1.5-22	Gland for cable diameter 22~16mm
PR-GLD-SS-M32x1.5-25	Gland for cable diameter 25~18mm
PR-GLD-SS-M40x1.5-25	Gland for cable diameter 25~21mm
PR-GLD-SS-M40x1.5-30	Gland for cable diameter 30~24mm
PR-GLD-SS-M50x1.5-32	Gland for cable diameter 32~26mm
PR-GLD-SS-M50x1.5-39	Gland for cable diameter 41~31mm
PR-GLD-SS-M63x1.5-46	Gland for cable diameter 46~40mm
PR-GLD-SS-M63x1.5-49	Gland for cable diameter 51~44mm

Grounding Kit

A grounding kit diverts transient currents and lightning off the transmission line to the earth grounding system to prevent damage to cable and radio equipment.

PROSE can provide a variety of ground kits suited for the transmission type and application.

Grounding kit for coaxial cable

General Description

- Tinned copper ground clamp provides corrosion resistance
- Designed to fit cables 1/2" to 1 5/8"
- Clamp design and pre-formed strap allows for easy installation over the outer conductor
- Includes lug, hardware, butyl and PVC tapes

Features and Benefits

- Fast and easy installation
- Contact resistance < 4mOhm
- Current handling > 50KA
- IP67 compliant
- UV and corrosion resistant

Suitable cable				
1/2S	PR-GK01C-C08-060	PR-GK02C-C08-060	PR-GK04-C08-060	PR-GK08U-D01-060
1/2R	PR-GK01C-C03-060	PR-GK02C-C03-060	PR-GK04-C03-060	PR-GK08U-D02-060
7/8R	PR-GK01C-C05-060	PR-GK02C-C05-060	PR-GK04-C05-060	PR-GK08U-D03-060
1 1/4R	PR-GK01C-C06-060	PR-GK02C-C06-060	PR-GK04-C06-060	PR-GK08U-D03-060
1 5/8R	PR-GK01C-C07-060	PR-GK02C-C07-060	PR-GK04-C07-060	PR-GK08U-D03-060

Grounding kit for outdoor power cable

General Description

- Designed power cable provide reliable lightning protection
- Available in a variety of ground wire lengths
- Includes, lug, hardware, butyl and PVC tape

Features and Benefits

- Faster and easy installation
- Contact resistance < 4mOhm
- Current handling > 50KA
- IP67 compliant
- UV and corrosion resistant



Typical Products

Part Number	Description
PR-GK05C-P08-050	Grounding kits for power cable diameter Ø7.5~9.5mm, 500mm with 1 hole lug fitted
PR-GK05C-P08-100	Grounding kits for power cable diameter Ø7.5~9.5mm, 1000mm with 1 hole lug fitted
PR-GK05C-P12-050	Grounding kits for power cable diameter Ø12~14mm, 500mm with 1 hole lug fitted
PR-GK05C-P12-100	Grounding kits for power cable diameter Ø12~14mm, 1000mm with 1 hole lug fitted
PR-GK05C-P55-050	Grounding kits for power cable diameter Ø5.5~6.0mm, 500mm with 1 hole lug fitted
PR-GK05C-P55-100	Grounding kits for power cable diameter Ø5.5~6.0mm, 1000mm with 1 hole lug fitted

Weatherproof Kit

Weatherproof tapes

PVC tape

Features and Benefits

- The PVC vinyl tape provides exceptional adhesion, sealing and protection for coaxial surfaces and junctions
- Range of tape sizes
- Large temperature range
- Excellent weather proofing and sealing performance
- All weather UV resistant and waterproofing
- UL510 compliant, CSA compliant



Part Number	Color
PR-TP2-19x20	Black
PR-TP3-19x20	Black
PR-RP1-15x20-RD	Red
PR-RP1-15x20-YL	Yellow
PR-RP1-15x20-BL	Blue
PR-RP1-15x20-GN	Green
PR-RP1-15x20-BK	Black
PR-RP1-15x20-WH	White
PR-RP1-15x10-RD	Red
PR-RP1-15x10-YL	Yellow
PR-RP1-15x10-BL	Blue
PR-RP1-15x10-GN	Green
PR-RP1-15x10-BK	Black
PR-RP1-15x10-WH	White

Part Number	Color
3M 1712(18mmx20m)	Black
3M 33+(19mmx20m)	Black
3M 1600(18mmx20m)-RD	Red
3M 1600(18mmx20m)-YL	Yellow
3M 1600(18mmx20m)-BL	Blue
3M 1600(18mmx20m)-GN	Green
3M 1600(18mmx20m)-BK	Black
3M 1600(18mmx20m)-WH	White
3M 1500(18mmx10m)-RD	Red
3M 1500(18mmx10m)-YL	Yellow
3M 1500(18mmx10m)-BL	Blue
3M 1500(18mmx10m)-GN	Green
3M 1500(18mmx10m)-BK	Black
3M 1500(18mmx10m)-WH	White

Mastic rubber tape

Features and Benefits

- Material easily forms to contours
- Large range of the working temperature
- Excellent weatherproofing and sealing performance



Part Number
PR-TR1-63.5x0.6
PR-TR2-19x9
PR-TR2-25x5
PR-TR2-25x10
PR-TR2-51x3

* Note:
Custom sizes available

Part Number
3M 2166 (63.5mmx0.6m)
3M 23# (19mmx9m)
3M 23# (25mmx5m)
3M 23# (25mmx10m)
3M 2288 (51mmx3m)

Weatherproof tape set



Typical Products

Part Number	Description
PR-WPT09-P0	Weatherproof tape set, 6 butyl tapes 63.5mmx0.6m, 2 PVC tapes 19mmx20m, and 1 PVC tape 50mmx10m
PR-WPT09-P1	Weatherproof tape set, 6 butyl tapes 63.5mmx0.6m, 2 PVC tapes 19mmx20m, and 2 PVC tapes 50mmx10m
PR-WPT08-P0	Weatherproof tape set, 1 ERP tape 19mmx9m, and 1 PVC tape 19mmx20m
PR-WPT08-P5	Weatherproof tape set, 1 ERP tape 19mmx9m(3M 23#), and 1 PVC tape 19mmx20m(3M 33+)
PR-WPT08-P6	Weatherproof tape set, 1 ERP tape 19mmx9m (KC71), and 1 PVC tape 19mmx20m(KC63)
PR-WPT08-P21	Weatherproof tape set, 1 ERP tape 51mmx3m, and 1 PVC tape 50mmx10m

* Note:
Custom sizes available

Weatherproof enclosure

General Description

- The weatherproofing enclosure is used on the feeder connector or fiber connector sealing protection. Good performance in operation and weatherproofing

Features and Benefits

- Easy installation
- Good weatherproofing performance
- Less space request in installing
- Long life outdoor using
- None tools needed



Typical Products

Coaxial cable weatherproof enclosure	
Part Number	Description
PR-WPE-03D	Weatherproof box for DIN (M)-1/2S jumper to equipment
PR-WPE-03N	Weatherproof box for N (M)-1/2S jumper to equipment
PR-WPE-03P	Weatherproof box for 4.3-10 (M)-1/2S jumper to equipment
PR-WPE-0305	Weatherproof box for 1/2" jumper to 7/8" feeder
PR-WPE-05G	Grounding, 7/8" feeder lightning protection

Cold shrink tube

General Description

- The cold shrink tube is used on the feeder connector or power cable connector sealing protection. Good performance in operation and weatherproofing

Features and Benefits

- Reliable seal against water
- Tough, resilient rubber holds press seal even after exposure
- Broad application range and lower inventory costs
- Eliminates need for heat source or special tools
- Reduce installation time
- Easy remove for inspections or disconnects
- Resistant to fungus, ozone, alkalis and acids
- Constant radial pressure helps connectors stay together in wind and vibration



Typical Products

General cold shrink tube	
Part Number	Description
PR-CST-40A-130-GY	Cold shrink tube for N, 4.3-10, DIN connector-1/2" feeder, gray, 130mm
PR-CST-40A-115-GY	Cold shrink tube for N, 4.3-10, DIN connector-1/2" feeder, gray, 115mm
PR-CST-40A-180-BK	Cold shrink tube for N, 4.3-10, DIN connector-1/2" feeder, black, 180mm
PR-CST-30A-130-BK	Cold shrink tube for N, 4.3-10, connector-1/2" feeder, black, 130mm
PR-CST-30A-110-BK	Cold shrink tube for N, 4.3-10, connector-1/2" feeder, black, 110mm
PR-CST-25A-130-BK	Cold shrink tube for AISG, LMR400 cable, black, 130mm
PR-CST-25A-110-BK	Cold shrink tube for AISG, LMR400 cable, black, 110mm



Typical Products

General cold shrink tube double layer on one end	
Part Number	Description
PR-CSTX-40A-130-GY	Cold shrink tube for N, 4.3-10, DIN connector-1/2" feeder, gray, 130mm, double layer on one end
PR-CSTX-40A-115-GY	Cold shrink tube for N, 4.3-10, DIN connector-1/2" feeder, gray, 115mm, double layer on one end
PR-CSTX-40A-180-BK	Cold shrink tube for N, 4.3-10, DIN connector-1/2" feeder, black, 180mm, double layer on one end
PR-CSTX-30A-130-BK	Cold shrink tube for N, 4.3-10, connector-1/2" feeder, black, 130mm, double layer on one end
PR-CSTX-30A-110-BK	Cold shrink tube for N, 4.3-10, connector-1/2" feeder, black, 110mm, double layer on one end
PR-CSTX-25A-130-BK	Cold shrink tube for AISG, LMR400 cable, black, 130mm, double layer on one end
PR-CSTX-25A-110-BK	Cold shrink tube for AISG, LMR400 cable, black, 110mm, double layer on one end

Typical Products

Special cold shrink tube with mastic

Part Number	Description
PR-CST2-40A-130-GY	Cold shrink tube for N, 4.3-10, DIN connector-1/2" feeder, mastic in both side, gray, 130mm
PR-CST2-40A-115-GY	Cold shrink tube for N, 4.3-10, DIN connector-1/2" feeder, mastic in both side, gray, 115mm
PR-CST2-40A-180-BK	Cold shrink tube for N, 4.3-10, DIN connector-1/2" feeder, mastic in both side, black, 180mm
PR-CST2-30A-130-BK	Cold shrink tube for N, 4.3-10, connector-1/2" feeder, mastic in both side, black, 130mm
PR-CST2-30A-110-BK	Cold shrink tube for N, 4.3-10, connector-1/2" feeder, mastic in both side, black, 110mm
PR-CST2-25A-130-BK	Cold shrink tube for AISG, LMR400 cable, mastic in both side, black, 130mm
PR-CST2-25A-110-BK	Cold shrink tube for AISG, LMR400 cable, mastic in both side, black, 110mm

Typical Products

Special cold shrink tube with sponge

Part Number	Description
PR-CSTA-70A-180-GY	Cold shrink tube with sponge, 70mm, gray, 180mm
PR-CSTA-70A-140-GY	Cold shrink tube with sponge, 70mm, gray, 140mm
PR-CSTA-40A-140-GY	Cold shrink tube with sponge, 40mm, gray, 140mm
PR-CSTA-40A-130-GY	Cold shrink tube with sponge, 40mm, gray, 130mm
PR-CSTA-40A-110-GY	Cold shrink tube with sponge, 40mm, gray, 110mm



Integrated Service

- We are well positioned to be responsive and flexible to customer's different requirements and we have the capability to adapt quickly to different market conditions
- Ensures that we offer the right solutions and deliver the right products at the right time with a flexible logistics operation – this is how our clients get more time to focus on their core business

Integrated Supply Operation

- One complete kit from one interface directly to site instead of components from many suppliers
- We integrated all materials based on the customer's requirement for different countries/regions, based on different models of base station and deliver all materials by flexible handling ways



With Our Services We Can Help You to

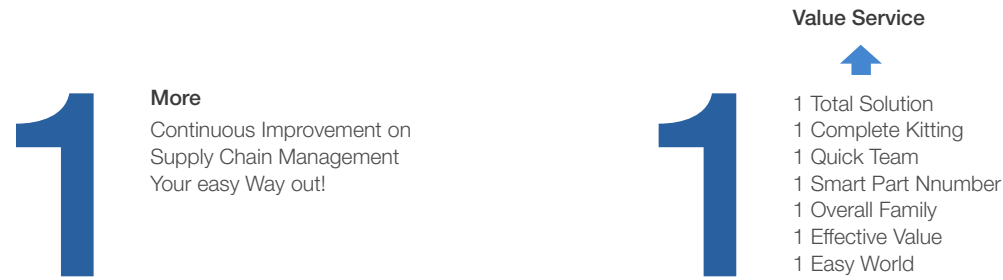
Product feature(s) that help solve the problem:	How we do so:
One-stop solution	Integrate the quality products from various product line and 3rd party products upon request.
One-line-item ordering	Rather than issue tens of different POs, you simply need to type one item.
Build-to-suit	Kits product adapts itself to specific needs of different sites.
Door-to-site delivery	With our plants and distribution centers around the globe, Kits product go straight from our facility to the site where they are to be installed.

- Reduce inventory
- Decrease purchase time and admin
- Simplified inventory control
- Simple shipment – all materials in one box
- Shorter lead time
- Faster time to market
- Reduce the number of suppliers

Benefit

- Easy management: one interface instead of many suppliers
- Handle the warehousing as site packed and go directly to site
- Handle site kitting&packing operation
- Handle inventory
- Cost saving

Value-Added Service, 1 World



Why PROSE



- Global capability
- Strong background in telecom
- Good quality control process
- Flexible and quick response
- Strong logistical team globally
- Have successful experience with customer
- In-house production: most of products manufactured by ourselves

PROSE Service

PROSE offers professional services that improve network design, reliability, scalability and efficiency.

Our service core competences include:

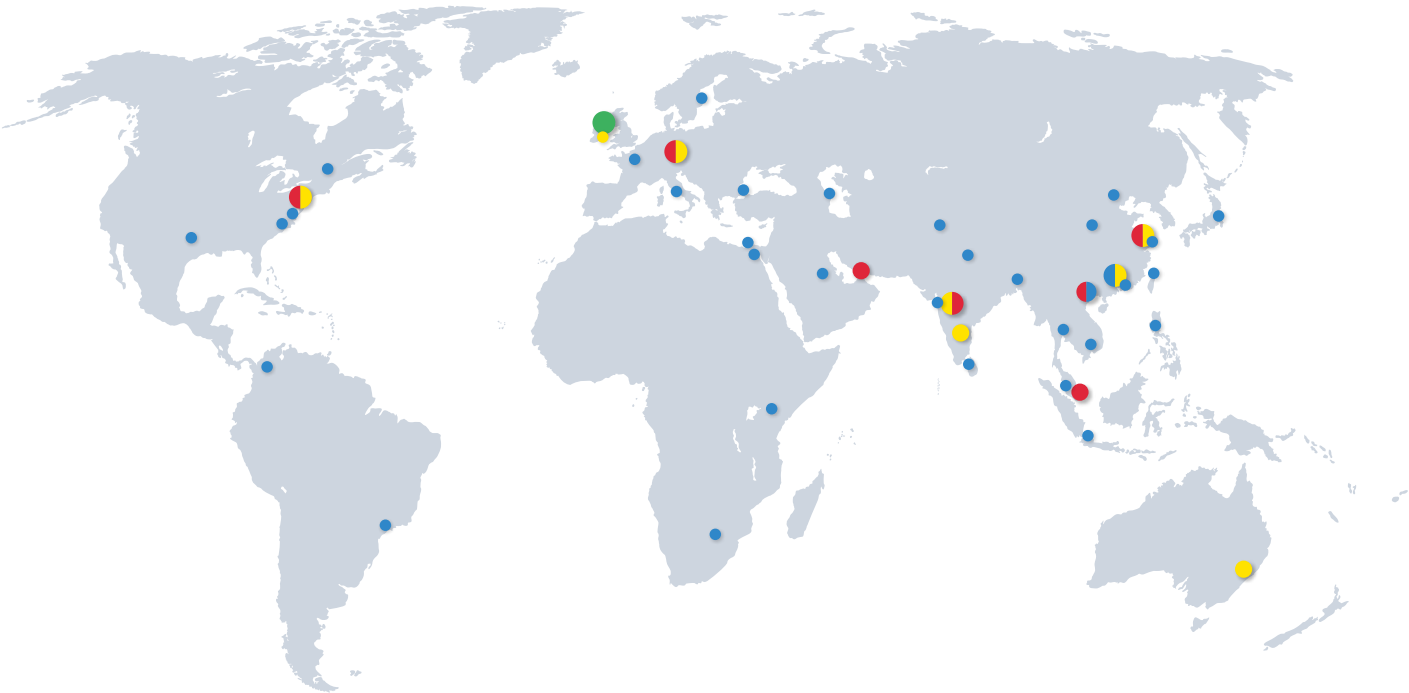
- Network optimization
- Technical consultation
- Customized product design
- Installation & commissioning
- Onsite training & supervision
- System troubleshooting
- After-sales services

In addition, we also offer professional training, technical support and workshops for distributors and agents. We are committed to offering exceptional services for our customers.

PROSE is much more than just a supplier – PROSE is a valued development partner and we will strive to meet new challenges in order to scale to new heights.



GLOBAL FOOTPRINT



- HQ
- PRODUCTION / OPERATIONAL HUB
- R&D CENTER
- SUBSIDIARIES / SALES REPRESENTATIVES



For more information refer to our website:
www.ProseTechnologies.com

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