

- Working frequency up to 4GHz
- High flexible cable 1/2 inch, easy to take and install
- Good performance at return loss and Intermodulation
- Outdoor application, UV resistance, halogen free
- Weatherproof boot pre-assembled

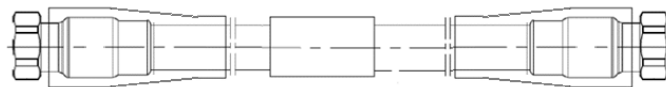


Photo for reference

Part number

PR-XXB-12S01-XXB-XXXX				
PR	XXB	12S01	XXB	XXXX
NA	Connector indicates	Cable indicates	Connector indicates	Length indicates
Default	DM=DIN male DMA=DIN male angled DF=DIN female NM=N male NF=N female NMA=N male angled 43M=4.3/10 male 43F=4.3/10 female 43MA=4.3/10 male angled 41M=4.1/9.5male XM=Nex10 male ...	1/2" super flexible PE jacket	DM=DIN male DMA=DIN male angled DF=DIN female NM=N male NF=N female NMA=N male angled 43M=4.3/10 male 43F=4.3/10 female 43MA=4.3/10 male angled 41M=4.1/9.5male XM=Nex10 male ...	XXXX Unit mm Tolerance: ±20mm @L<2m ±1% @L≥2m
	B=Boot No B means with no boot		B=Boot No B means with no boot	XXFT Unit feet Tolerance: ±20mm @L<2m ±1% @L≥2m

Part list

Connector	DIN, N, 4.3/10,Nex10 etc, straight or angled available
Cable	1/2" super flexible, PE jacket, 13.4mm
Weatherproof boot	Rubber boot
Bend protection	Molding
Label	Wrap sticker

Electrical data

Characteristics impedance	50Ω
Frequency	DC to 4GHz
Insulation resistance	≥5000MΩ
Dielectric withstanding voltage	2500V rms

Operating voltage	500V rms
Insertion loss	Cable attenuation+ connection loss ($0.1*\sqrt{F}GHz$)
Return loss	$\leq -28dB$ @ DC-1.0GHz
	$\leq -26dB$ @ 1.0-2.2GHz
	$\leq -23dB$ @ 2.2-3.0GHz
	$\leq -22dB$ @ 3.0-3.8GHz
Intermodulation (3 rd Order)	$\leq -160dBc$ @900MHz, 2x43dBm

Mechanical data

Cable tensile resistance	$\geq 450N$
Min. Bending radius	35mm
Connector torque proof recommend	25 to 30N.m @DIN type
	5 to 8N.m @4.3 type/4.1 type
	0.7 to 1.3N.m @N type

Environment

Working temperature	-40°C to +85°C
IP protection	IP68, mated pair, 1m, 1.5H, 20°C
RoHS	Compliant

Cable attenuation reference

Frequency (MHz)	Attenuation (dB/100m)
450	7.59
800	10.40
900	11.20
1000	11.80
1800	16.00
2000	17.20
2200	18.20
2500	19.50
2700	20.50
3000	21.90
3500	22.97
3600	23.81
3800	24.46
4000	25.20

Weatherproof boot reference

Technical data		Photo for reference
Boot for DIN male		
Material	Silicone, black	
Suitable cable	13-17mm	
Suitable connector	DIN male, straight	
Temperature rating	-40℃ to +90℃	
Weatherproof	IP68	
UV resistance	Compliance	
RoHS	Compliance	
Boot for N male		
Material	Silicone, black	
Suitable cable	13-17mm	
Suitable connector	N male, straight	
Temperature rating	-40℃ to +90℃	
Weatherproof	IP68	
UV resistance	Compliance	
RoHS	Compliance	
Boot for 4.3-10 male		
Material	Silicone, black	
Suitable cable	13-17mm	
Suitable connector	4.3-10 male, straight 4.1-9.5 male, straight	
Temperature rating	-40℃ to +90℃	
Weatherproof	IP68	
UV resistance	Compliance	
RoHS	Compliance	
Boot for Nex10 male		
Material	Silicone, black	
Suitable cable	13-17mm	
Suitable connector	Nex10, straight	
Temperature rating	-40℃ to +90℃	
Weatherproof	IP68	
UV resistance	Compliance	
RoHS	Compliance	

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