

- Working frequency up to 4GHz
- 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

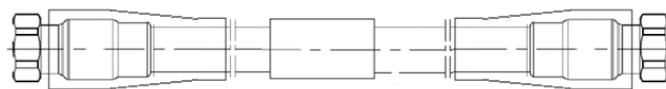


Photo for reference

Part number

PR-XXB-12R01-XXB-XXXX				
PR	XXB	12R01	XXB	XXXX
NA	Connector indicates	Cable indicates	Connector indicates	Length indicates
Default	DM=DIN male DMA=DIN male angled NM=N male 43M=4.3/10 male 41M=4.1/9.5male ... B=Boot No B means with no boot	1/2" flexible PE jacket	DM=DIN male DMA=DIN male angled NM=N male 43M=4.3/10 male 41M=4.1/9.5male ... B=Boot No B means with no boot	Unit mm Tolerance: ±20mm @L<2m ±1% @L≥2m

Part list

Connector	DIN, N, 4.3/10, etc, straight or angled available
Cable	1/2" flexible, PE jacket, 15.9mm
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 ($0.1 \cdot \sqrt{F \text{ GHz}}$)
Return loss	≤-28dB @ DC-1.0GHz
	≤-26dB @ 1.0-2.2GHz
	≤-23dB @ 2.2-3.0GHz
	≤-22dB @ 3.0-3.8GHz

Intermodulation (3 rd Order)	≤-160dBc @900MHz, 2x43dBm
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Mechanical data

Cable tensile resistance	≥450N
Min. Bending radius	70mm
Connector torque proof recommend	25 to 30N.m @DIN type
	5 to 8N.m @4.3 type
	5 to 8N.m @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

Notice

- 1, No need additional weatherproof kits since it is already had pre-assembled boot.
- 2, Connection molding shape may be changed during the product life-time due to the manufacture skill upgrade.

Cable attenuation reference

Frequency (MHz)	Attenuation (dB/100m)
450	4.70
800	6.35
900	6.75
1000	7.20
1800	9.90
2000	10.50
2200	11.10
2500	11.95
2700	12.47
3000	13.20
3500	14.65
3600	14.80
3800	15.32
4000	15.76

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°C to +90°C	
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°C to +90°C	
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°C to +90°C	
Weatherproof	IP68	
UV resistance	Compliance	
RoHS	Compliance	

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