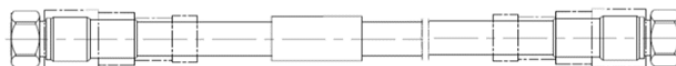


Prefabricated type with two-ended connector
with a cap (rubber boot) protecting the connector
it ensuring quick installation without the need for adhesive tape or rubber



Part number

PR-43MB-12R01-43MB-VM2-XXXX	1/2R jumper cable
XXXX indicate the length, unit mm Tolerance $\leq 20\text{mm}$ @ $L < 2\text{m}$ $\leq 1\%$ @ $L \geq 2\text{m}$	
PR-43MB-12R01-43MB-VM2-3000	1/2R jumper cable 3m, 4.3-10 male angled to 4.3-10 male straight, weatherproof boot on both end
PR-43MB-12R01-43MB-VM2-6000	1/2R jumper cable 6m, 4.3-10 male angled to 4.3-10 male straight, weatherproof boot on both end

Specification

Jumper	
Characteristics impedance	50Ω
Operating frequency	DC to 2.7 GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Insertion loss	Cable attenuation+ connection loss ($0.1 \cdot \sqrt{F\text{GHz}}$)
Return loss (jumper)	> 27dB @ DC-1.0GHz
	> 25dB @ 1.0-2.2GHz
	> 23dB @ 2.2-2.7GHz
Intermodulation (3 rd Order)	< -159dBc @900MHz, 1800MHz, 2100MHz, 2x43dBm, according to IEC62037
Min. bending radius	< 70mm
Cable length	3m & 6m
Application	Outdoor, IP68
Rubber boot	Pre-assembled on the cable
Conductor material inside the feeder	Copper coated aluminum
Conductor material outside the feeder	Copper
Jumper weight	> 0.2 kg/m
Label requirements	On the body of the Jumper, include manufacturer information/product code
Connector	
Return loss (DTF, for connector test)	> 35dB @DC-1.0GHz
	> 32dB @1.0-2.7GHz
Connector1	4.3-10 male straight

Connector2	4.3-10 male straight
Insertion for connector	< 0.05dB
Characteristics impedance	50Ω
Operating frequency	DC to 2.7 GHz
Insulation Resistance, minimum	> 5000 MΩ
Peak Power, maximum	> 0.7 KW
Passive Intermodulation IM3	< -159 dBc (2 x 43 dBm carriers)
Outer Contact Plating	Tri-metal
Inner Contact Plating	Silver
Ingress Protection Ratings	IP68
Operating Temperature Range	0-65°C
Humidity	0- 95%
Weatherproof silicone boot	
Technical data	
Material	Silicone, black
Suitable cable	13-17mm
Suitable connector	4.3-10 male, straight
Operating Temperature	-55°C to +90°C
Storage Temperature	-55°C to +90°C
Weatherproof	IP68
UV resistance	1000h, IEC60068-2-5
RoHS	Compliance
Photo for reference	
	

Environment

Working temperature	-40°C to +85°C
IP protection	IP68, mated pair
RoHS	Compliant

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