

50 Ohm Cable Jumpers | LMR 400



Features & Benefits

- Ideal for providing RF connectivity for indoor and outdoor wireless antennas
- Designed for high frequency low loss applications
- Cable assemblies are 100% factory tested for VSWR
- Cable construction includes 100% shielding and UV resistant outer jacket
- Jumpers are IP67 rated for sealing performance
- Flexible for use in constrained installations



Overview

The PPC LMR 400 50 ohm cable jumpers offer best-in-class mechanical and electrical performance, designed for reliable connectivity in the field. They're ideal for use in SCADA, GPS, WISP, WiMax, and Mobile antenna connections.

Technical Data

Cable Construction

Item	Material
Center Conductor	Bare Copper Covered/Clad Aluminum
Dielectric	Foam PE
Shielding	Aluminum Tape
Outer Shield	TC wire braid
Jacket	PE

Connector Construction

Item	Material
Connector Body and Ferrule	Brass (Nickel Plating)
Connector Nut	Brass (Nickel Plating)
Center Contact (Male)	Brass (Gold Plating)
Dielectric	PTFE
Sealing Material	Silicone Rubber

Electrical Specifications

Specification	Value
Impedance	50 Ohm
Velocity of Propagation	> 82%
Return Loss (VSWR)	Typical 1.35 Max @ 1 to 3 GHz
Attenuation +/- 10%	5800 MHz - 35.50 dB/100m

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Technical Data (cont.)

Mechanical Specifications

Specification	Value
Bend Radius	1 Inch
Tensile (max)	355 N
Crush Resistance	40 lbs
Operating Temperature	-40 °C to 85 °C (-40 °F to 185 °F)

Connector Types

N Male Straight



SMA Male Straight



Ordering Information

Part Number	Cable Type	Connector A	Connector B	Length
LM-NMS-AMS-NP04F	LMR-400	SMA Male Straight	N Male Straight	4 FT
LM-NMS-AMS-NP06F	LMR-400	SMA Male Straight	N Male Straight	6 FT
LM-NMS-NMS-NP04F	LMR-400	N Male Straight	N Male Straight	4 FT
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Contact factory for custom configurations

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