

Low PIM 7/16 DIN Male to 7/16 DIN Male Cable
0.250 Formable Low PIM 100 39.37 CM

Configuration

Connector 1	7/16 DIN Male
Connector 2	7/16 DIN Male
Cable Type	0.250 Low PIM

Electrical Specifications

Frequency Range	DC to 3 GHz
Impedance	50 Ohms
Maximum VSWR	1.15:1
RF Shielding	-100 dB
Maximum Input Power	2 KWatts
Passive Intermodulation	-160 dBc

Typical Performance by Frequency

Description	F1	F2	F3	F4	F5
Frequency	500 MHz	1000 MHz	2 GHz	2.5 GHz	3 GHz
Insertion Loss	0.1	0.125	0.183	0.21	0.229
Power Handling	440	300	220	190	170

Units: Return Loss is in dB; Insertion Loss is in dB/ft; Power Handling is in Watts

Mechanical Specifications

Temperature

Temperature Operating Range	-55 to +125 deg C
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Size

Length	39.37 in [100 cm]
One Time Minimum Bend Radius	5 in [127 mm]

Cable

Description	Cable
Cable Type	0.250 Low PIM
Cable Inner Conductor	Copper, Silver
Cable Outer Conductor	Copper, Tin
Dielectric Type	PTFE
Jacket Material	PVC LSZH
Jacket Diameter	0.276 in [7.01 mm]



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Connectors

Description	Connector 1	Connector 2
Type	7/16 DIN Male	7/16 DIN Male
Configuration	Straight	Straight
Inner Conductor Material & Plating	Brass, Silver	Brass, Silver
Coupling Nut Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal
Hex Size	1 1/4 inch	1 1/4 inch
Body Material & Plating	Brass, Silver	Brass, Silver
Dielectric Type	PTFE	PTFE

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Notes:

- Values at 25 °C, sea level

Power Data

Low PIM 7/16 DIN Male to 7/16 DIN Male Cable 0.250 Formable Low PIM 100 39.37 CM from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [Low PIM 7/16 DIN Male to 7/16 DIN Male Cable 0.250 Formable Low PIM 100 39.37 CM FMC1515925-100CM](http://www.fairviewmicrowave.com/7-16-male-7-16-male-cable-0.250-formable-low-pim-fmc1515925-100cm-p.aspx)

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