

Low PIM N Male to 7/16 DIN Female Cable
0.141 Formable Low PIM Coax in 100 CM

Configuration

Connector 1	N Male
Connector 2	7/16 DIN Female
Cable Type	0.141 Formable 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	440 Watts
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	0.3	0.41	0.6	0.68	0.75
Power Handling	440	300	220	190	170

Units: Return Loss is in dB; Insertion Loss is in dB/ft [dB/m]; 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	1.5 in [38.1 mm]

Cable

Description	Cable
Cable Type	0.141 Formable Low PIM
Cable Inner Conductor	Copper, Silver
Cable Outer Conductor	Copper, Tin
Dielectric Type	PTFE
Jacket Material	PVC LSZH
Jacket Diameter	0.163 in [4.14 mm]



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Connectors

Description	Connector 1	Connector 2
Type	N Male	7/16 DIN Female
Configuration	Straight	Straight
Inner Conductor Material and Plating	Brass, Silver	Beryllium Copper, Silver
Coupling Nut Material and Plating	Brass, Tri-Metal	
Hex Size	3/4 inch	
Body Material and Plating	Brass, Silver	Brass, Silver
Dielectric Type	PTFE	PTFE

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

For RoHS Compliant version, use fmc0136951LF-100CM. Contact Fairview Microwave if product cannot be found.

Notes:

- Values at 25 °C, sea level

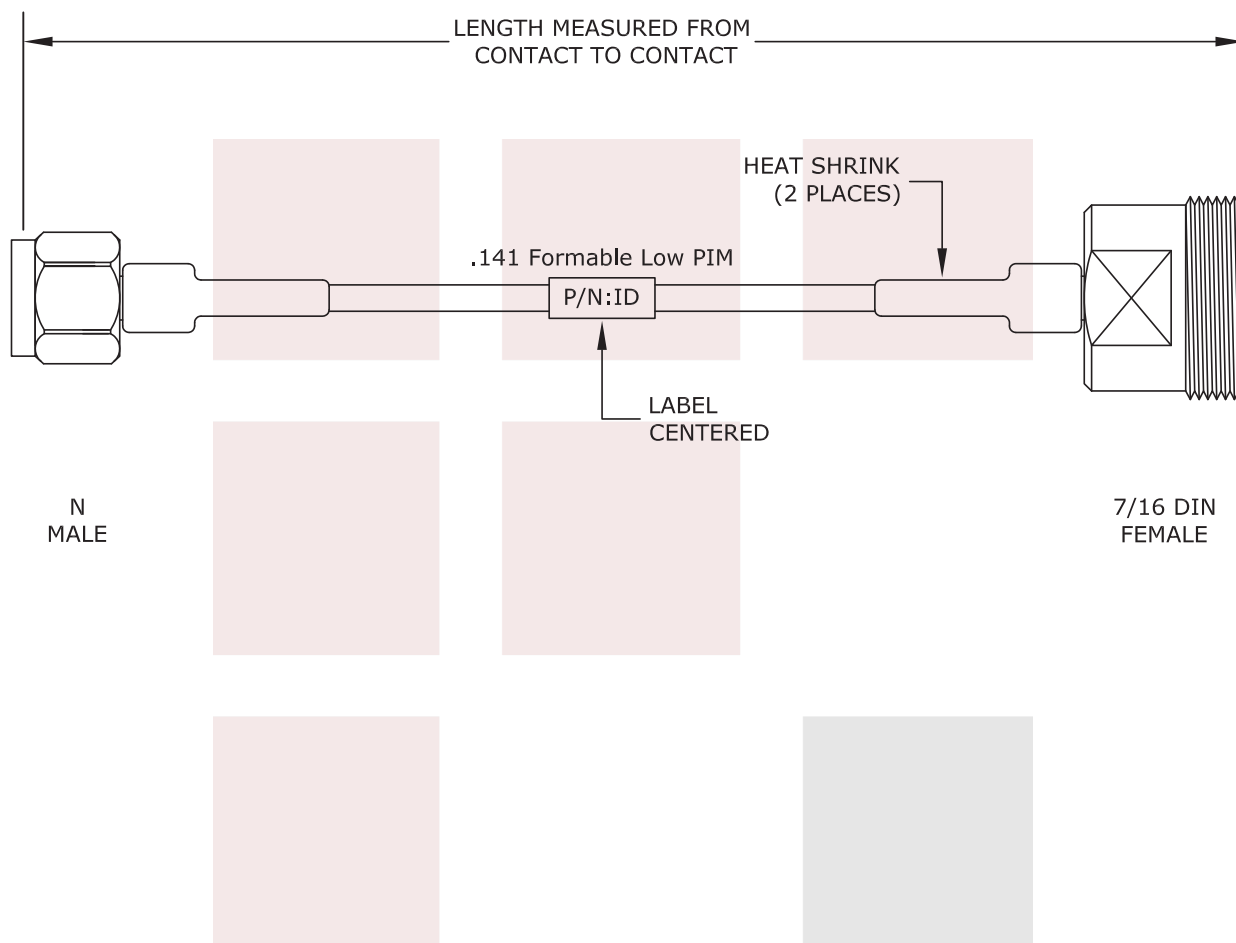
Power Data

Low PIM N Male to 7/16 DIN Female Cable 0.141 Formable Low PIM Coax in 100 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 N Male to 7/16 DIN Female Cable 0.141 Formable Low PIM Coax in 100 CM FMC0136951-100CM](http://www.fairviewmicrowave.com/n-male-7-16-female-cable-0.141-formable-low-pim-coax-fmc0136951-100cm-p.aspx)

URL: <http://www.fairviewmicrowave.com/n-male-7-16-female-cable-0.141-formable-low-pim-coax-fmc0136951-100cm-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration FMC zzz - xx uu 00 - 99999 CM = Centimeters < Blank > = Inches Length		Examples FMC000-100 FMC000-100CM			
		-12	12"	-25CM	25Cm
		-24	24"	-50CM	50Cm
		-36	36"	-75CM	75Cm
		-48	48"	-100CM	100Cm
		-60	60"	-125CM	125Cm
		-xx	Custom Length	-xxCM	Custom Length
FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
		DWG NO FMC0136951		CAGE CODE 3FKR5	
		CAD FILE 070114	SHEET	SCALE N/A	SIZE A 2233
TITLE Low PIM N Male to 7/16 DIN Female Cable 0.141 Formable Low PIM Coax in 100 CM					