

N Male to SMA Male Cable FM-F141 Coax

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		10	GHz
VSWR			1.35:1	
Velocity of Propagation		69.4		%
RF Shielding	-110			dB
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Diameter 0.78 in [19.81 mm]

Cable

Cable Type FM-F141
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper, Silver
 Dielectric Type PTFE
 Number of Shields 2
 Shield Layer 1 Silver Plated Copper Tape
 Shield Layer 2 Silver Plated Copper Braid
 Jacket Material FEP, Blue
 Jacket Diameter 0.163 in [4.14 mm]

Connectors

Description	Connector 1	Connector 2
Type	N Male	SMA Male
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Connection Method	Standard	Standard
Contact Material & Plating	Brass, Gold	Beryllium Copper, Gold
Contact Plating Spec.	MIL-G-45204	
Dielectric Type	PTFE	PTFE
Hex Size		5/16 inch
Torque		8 in-lbs [0.9 Nm]
Body Material & Plating	Brass, Nickel	Stainless Steel, Gold
Body Plating Spec.	QQ-N-290	

Environmental Specifications

Temperature

Operating Range -65 to +125 deg C



Configuration:

- N Male
- SMA Male
- FM-F141

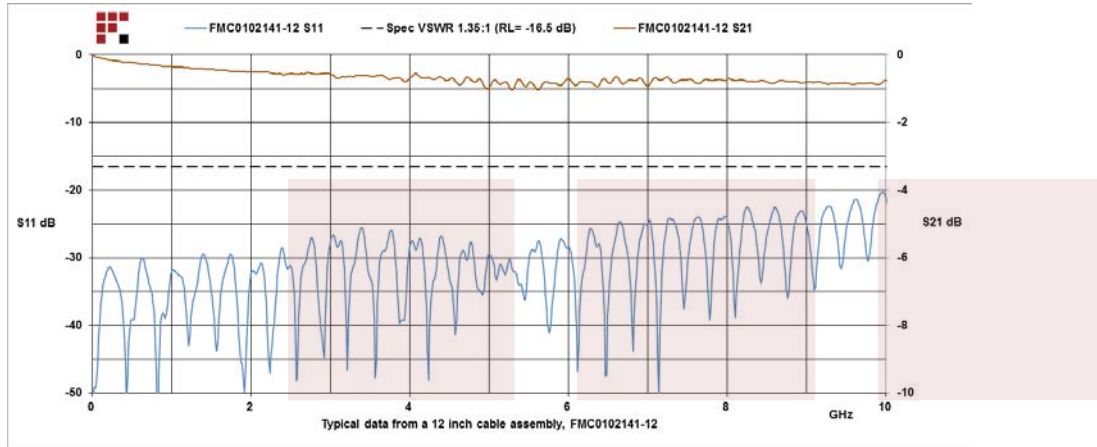
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration:

FMC0102141 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

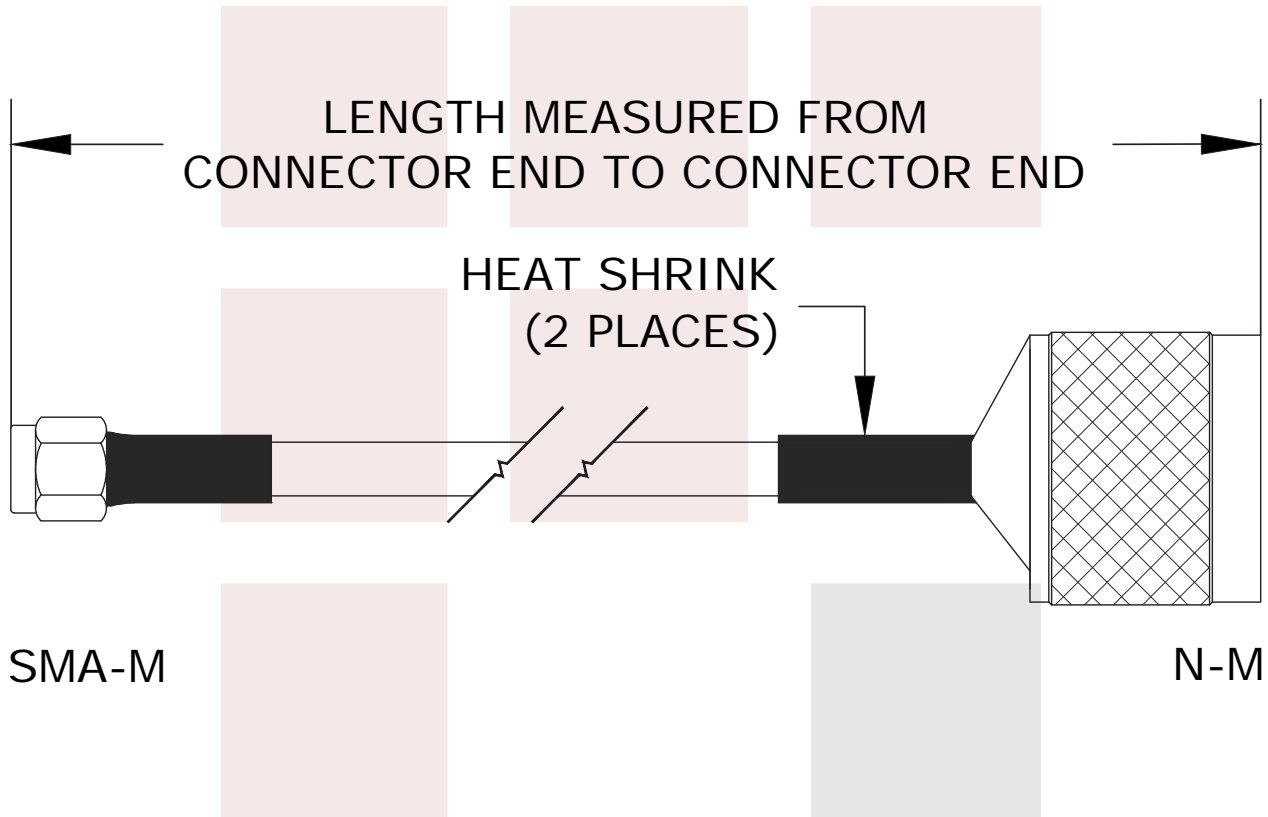
Example: FMC0102141-12 = 12 inches long cable
 FMC0102141-100cm = 100 cm long cable

N Male to SMA Male Cable FM-F141 Coax 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: [N Male to SMA Male Cable FM-F141 Coax FMC0102141](http://www.fairviewmicrowave.com/n-male-sma-male-cable-hf141-coax-fmc0102141)

URL: <http://www.fairviewmicrowave.com/n-male-sma-male-cable-hf141-coax-fmc0102141-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.



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TITLE N Male to SMA Male Cable FM-F141 Coax		DWG NO FMC0102141		CAGE CODE 3FKR5	
CAD FILE	101014	SHEET	SCALE	N/A	SIZE A 5568