

N Male to N Male Cable RG-142 Coax in 48 Inch
Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.35:1	
Velocity of Propagation		70		%
Capacitance		29.39 [96.42]		pF/ft [pF/m]

Mechanical Specifications
Cable Assembly

Length	48 in [121.92 cm]
Diameter	0.78 in [19.81 mm]
Weight	0.61728 lbs [279.99 g]

Cable

Cable Type	M17/60-RG142
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP
Jacket Diameter	0.195 in [4.95 mm]

Connectors

Description	Connector 1	Connector 2
Type	N Male	N Male
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	QQ-N-290	QQ-N-290

Environmental Specifications
Temperature

Operating Range -55 to +200 deg C

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

Plotted and Other Data

Notes:


Configuration:

- N Male
- N Male
- M17/60-RG142

Fairview Microwave

1130 Junction Dr. #100

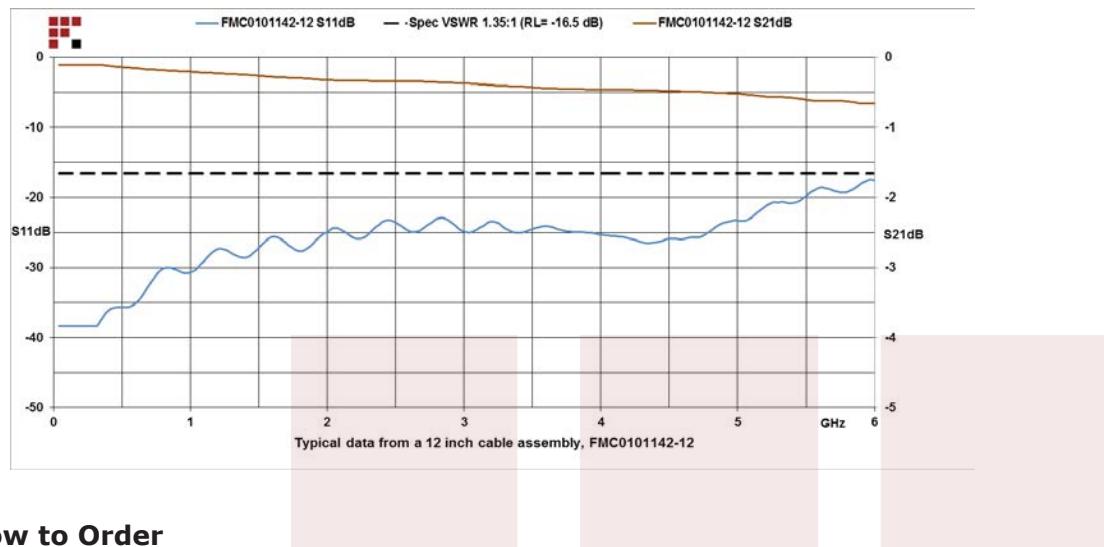
Allen, TX 75013

Tel: 1-800-715-4396 / (972) 649-6678

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0101142 - xx uu

cm = Centimeters
<blank> = Inches

Length

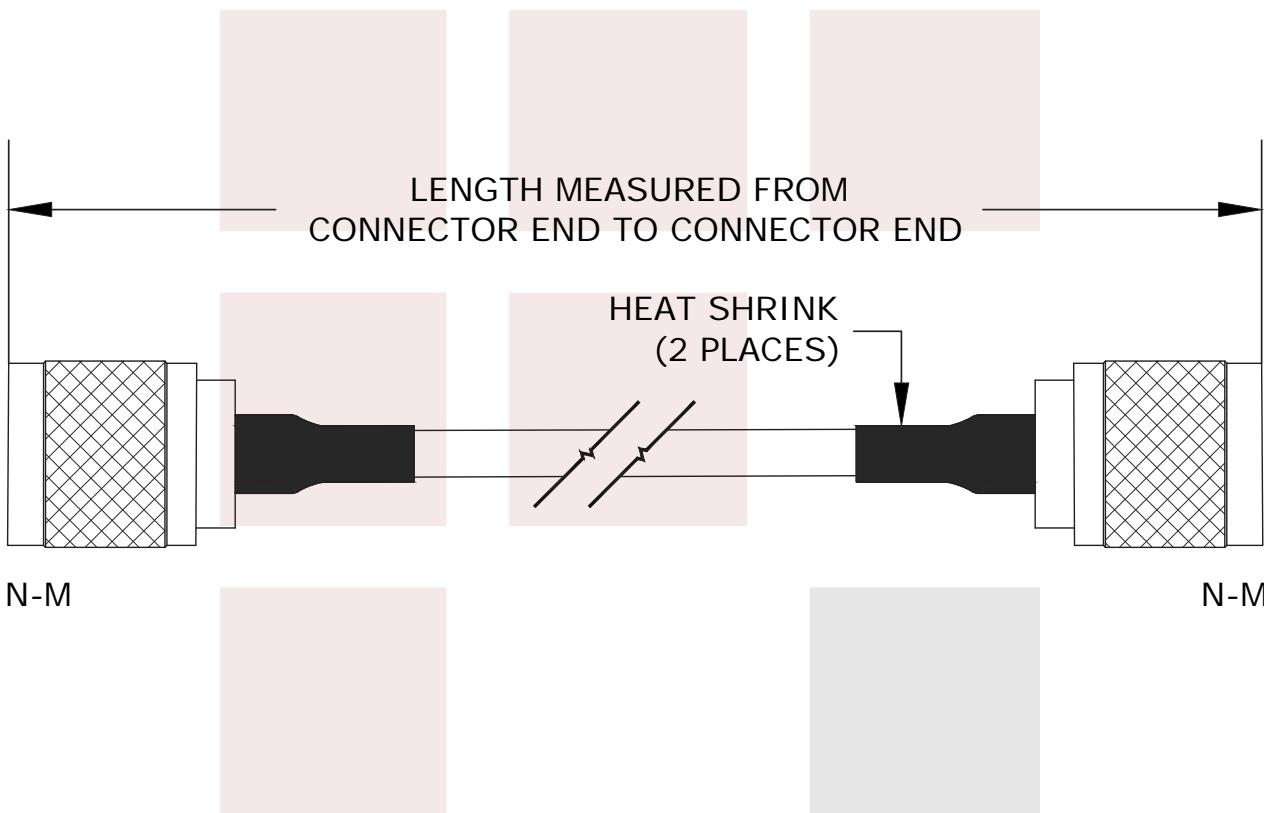
Example: FMC0101142-12 = 12 inches long cable
FMC0101142-100cm = 100 cm long cable

N Male to N Male Cable RG-142 Coax in 48 Inch 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 N Male Cable RG-142 Coax in 48 Inch FMC0101142-48](#)

URL: <http://www.fairviewmicrowave.com/n-male-n-male-cable-m17-60-rg142-coax-fmc0101142-48-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.



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].

TITLE
N Male to N Male Cable RG-142 Coax in 48 Inch

DWG NO	FMC0101142		CAGE CODE	3FKR5	
CAD FILE	101014	SHEET	SCALE	N/A	SIZE A