

N Male to SMA Male Cable RG-58 Coax

Electrical Specifications

| Description | Min | Typ | Max | Units |
|-------------------------|-----|---------------|-------|--------------|
| Frequency Range | DC | | 1,000 | MHz |
| Velocity of Propagation | | 66 | | % |
| Capacitance | | 30.8 [101.05] | | pF/ft [pF/m] |

Mechanical Specifications

Cable Assembly

| | |
|----------|--------------------|
| Diameter | 0.78 in [19.81 mm] |
| Weight | 0.07275 lbs [33 g] |

Cable

| | |
|--------------------------------------|---------------------|
| Cable Type | RG-58 |
| Impedance | 50 Ohms |
| Inner Conductor Type | Solid |
| Inner Conductor Material and Plating | Copper, Tin |
| Dielectric Type | PE |
| Number of Shields | 2 |
| Shield Layer 1 | Tinned Copper Braid |
| Jacket Material | PVC, Black |
| Jacket Diameter | 0.195 in [4.95 mm] |

Connectors

| Description | Connector 1 | Connector 2 |
|----------------------------|---------------|--------------------|
| Type | N Male | SMA Male |
| Configuration | Straight | Straight |
| Polarity | Standard | Standard |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material & Plating | Brass, Gold | Brass, Gold |
| Contact Plating Spec. | MIL-G-45204 | 50µ in. minimum |
| Dielectric Type | Teflon | Teflon |
| Hex Size | | 5/16 inch |
| Torque | | 4 in-lbs [0.45 Nm] |
| Body Material & Plating | Brass, Nickel | Brass, Gold |
| Body Plating Spec. | QQ-N-290 | 3µ in. minimum |

Environmental Specifications

Temperature

| | |
|-----------------|-------------------|
| Operating Range | -65 to +165 deg C |
|-----------------|-------------------|

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

Plotted and Other Data

Notes:

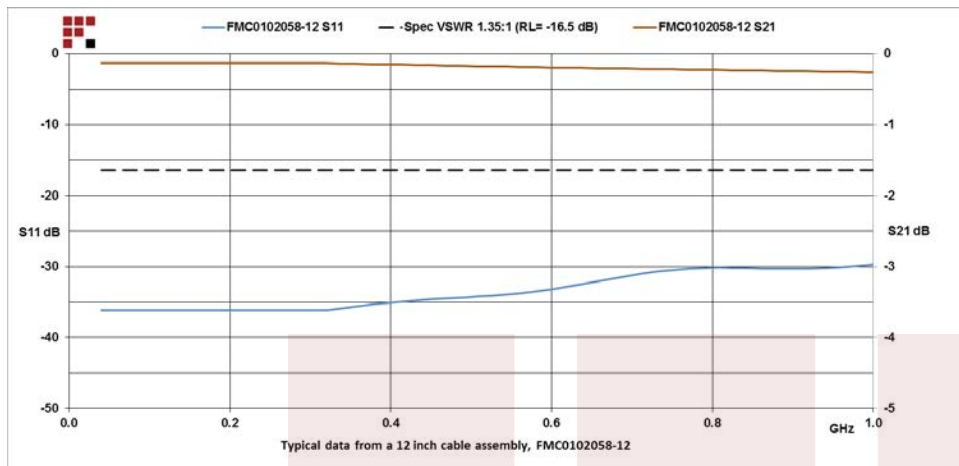


Configuration:

- N Male
- SMA Male
- RG-58

Fairview Microwave
 1130 Junction Dr. #100
 Allen, TX 75013
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Typical Performance Data



How to Order

Part Number Configuration:

FMC0102058 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

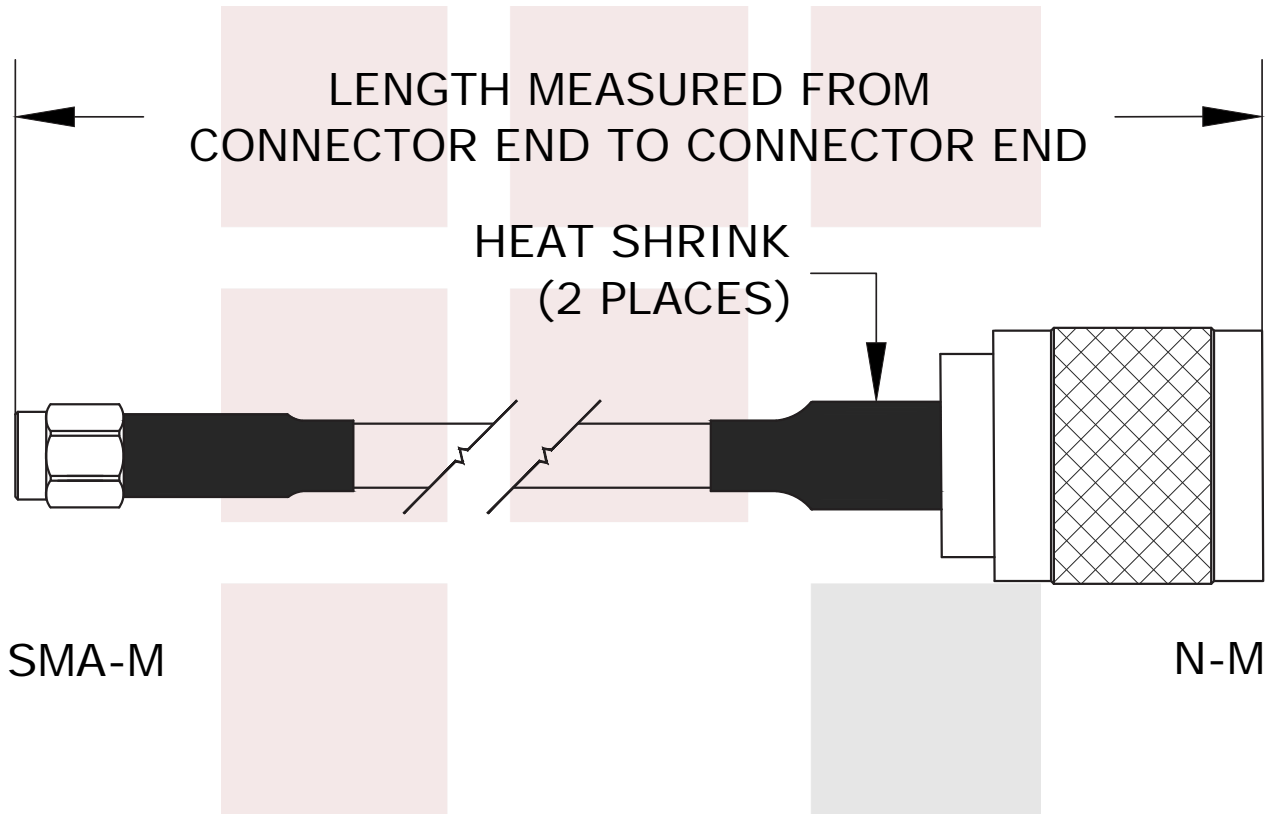
Example: FMC0102058-12 = 12 inches long cable
 FMC0102058-100cm = 100 cm long cable

N Male to SMA Male Cable RG-58 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 RG-58 Coax FMC0102058](#)

URL: <http://www.fairviewmicrowave.com/n-male-sma-male-cable-invalid-alias-coax-fmc0102058-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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|---|--------|---|-------|--------------------|-------------|
| 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 SMA Male Cable RG-58 Coax | | DWG NO FMC0102058-XX | | CAGE CODE 3FKR5 | |
| CAD FILE | 101014 | SHEET | SCALE | N/A | SIZE A 5568 |