

SMA Male to 10-32 Male Cable RG-316 Coax in 120 Inch

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		1,000	MHz
VSWR			1.35:1	
Velocity of Propagation		70		%
Capacitance		32 [104.99]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Length	120 in [304.8 cm]
Diameter	0.315 in [8 mm]

Cable

Cable Type	RG-316
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.098 in [2.49 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Male	10-32 Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	50μ in. minimum	MIL-G-45204
Dielectric Type	PTFE	PTFE
Hex Size	5/16 inch	
Torque	4 in-lbs [0.45 Nm]	
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100μ in. minimum	

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

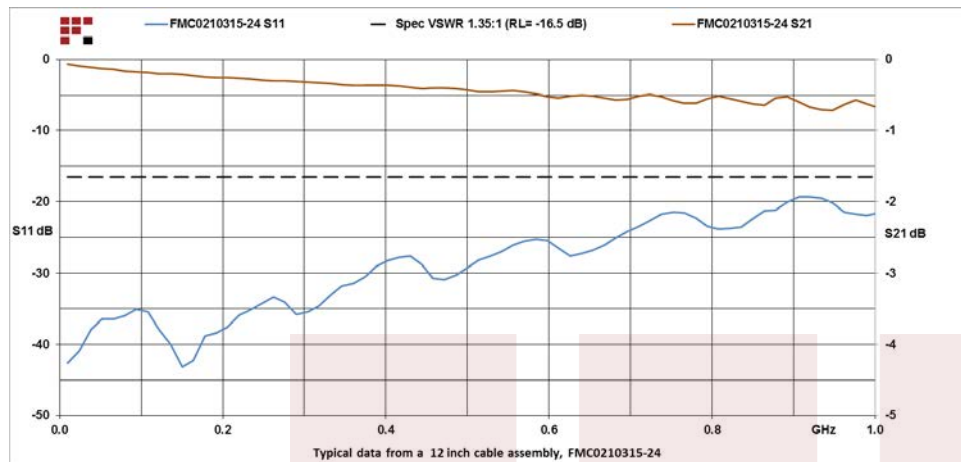


Configuration:

- SMA Male
- 10-32 Male
- RG-316

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0210315 - xx uu

cm = Centimeters
<blank> = Inches
Length

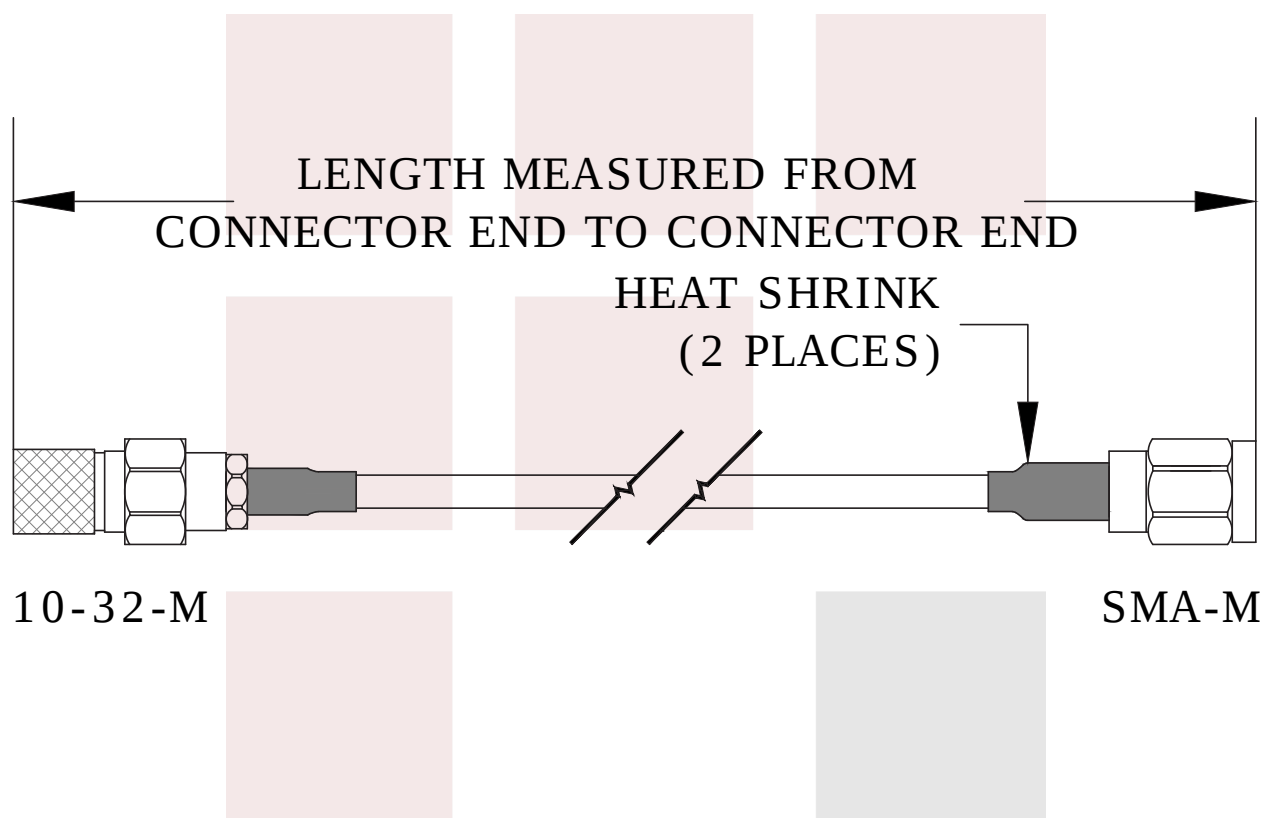
Example: FMC0210315-12 = 12 inches long cable
FMC0210315-100cm = 100 cm long cable

SMA Male to 10-32 Male Cable RG-316 Coax in 120 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: [SMA Male to 10-32 Male Cable RG-316 Coax in 120 Inch FMC0210315-120](http://www.fairviewmicrowave.com/sma-male-10-32-male-cable-rg316-coax-fmc0210315-120-p.aspx)

URL: <http://www.fairviewmicrowave.com/sma-male-10-32-male-cable-rg316-coax-fmc0210315-120-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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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
SMA Male to 10-32 Male Cable RG-316 Coax in 120
Inch

DWG NO		FMC0210315		CAGE CODE		3FKR5	
CAD FILE	101514	SHEET		SCALE	N/A	SIZE	A 5568