

RA SMA Male to RA 10-32 Male Cable RG316 Coax in 48 Inch

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		2	GHz
Velocity of Propagation		70		%
Capacitance		32 [104.99]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Length*	48 in [121.92 cm]
Weight	0.063 lbs [28.58 g]

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 Tape
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Black
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	Teflon	Teflon
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100µ in. minimum	
Hex Size	5/16 inch	

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

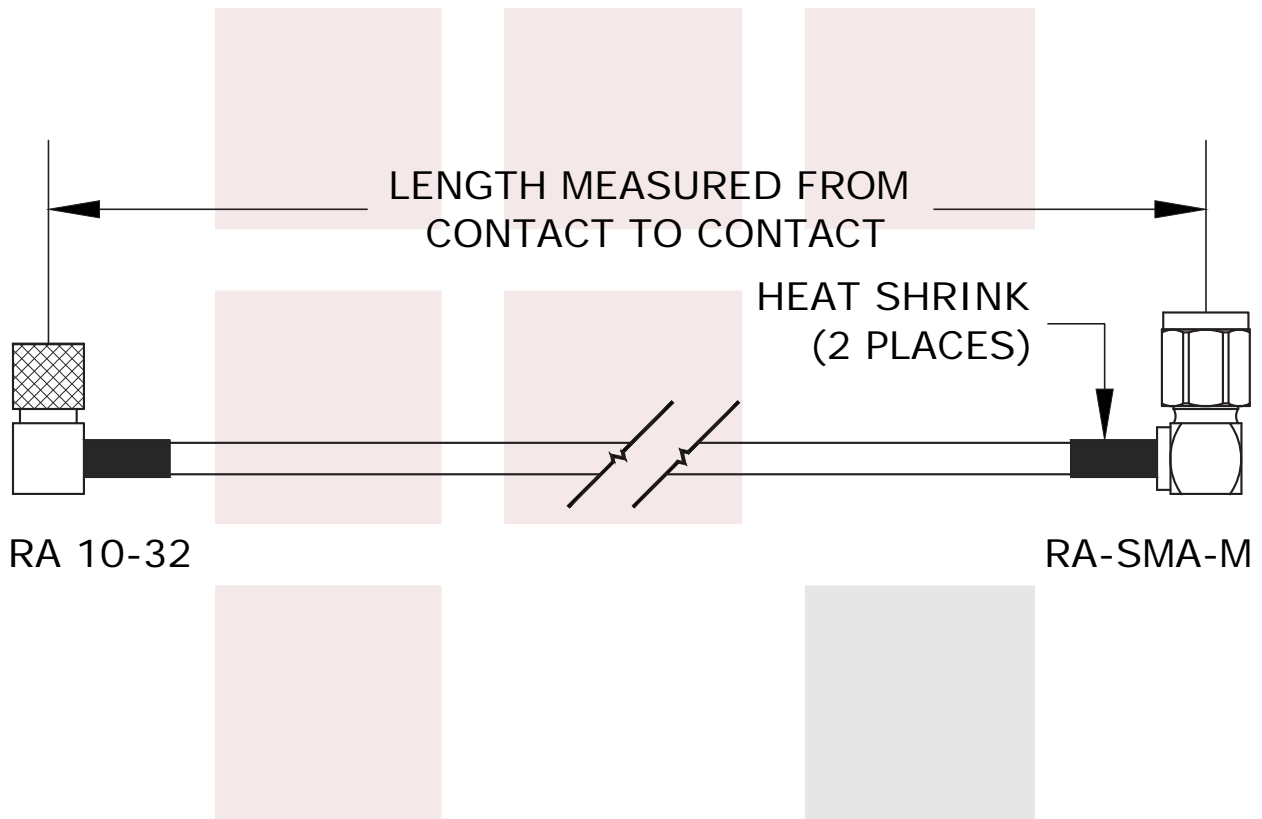
Notes:



Configuration:

- SMA Male Right Angle
- 10-32 Male Right Angle
- RG-316

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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 RA SMA Male to RA 10-32 Male Cable RG316 Coax in 48 Inch		DWG NO FMC0414316-XX		CAGE CODE 3FKR5	
CAD FILE	102114	SHEET	SCALE	N/A	SIZE A 5568