

**RG316 Flexible Coax Cable FEP Jacket**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Velocity of Propagation		70		%
Operating Voltage (AC)			1,200	Vrms
Nominal Capacitance		32		pF/ft
		[104.99]		[pF/m]

**Mechanical Specifications**

Diameter	0.098 in [2.49 mm]
Weight	0.011 lbs/ft [0.02 Kg/m]
Min. Bend Radius (Installation)	0.512 in [13 mm]

**Construction Specifications**

Description	Material and Plating	Diameter
Inner Conductor	Copper, Silver, 7 Strands	0.06 in [1.52 mm]
Conductor Type	Solid	
Dielectric	PTFE	0.06 in [1.52 mm]
First Shield	Silver Plated Copper Braid	
Jacket	FEP	0.098 in [2.49 mm]

**Environmental Specifications**

<b>Temperature</b>	
Operating Range	-55 to +125 deg C

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant	Yes
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**Plotted and Other Data**

Notes:



**Configuration:**

- Flexible Cable
- 1 Shield(s)

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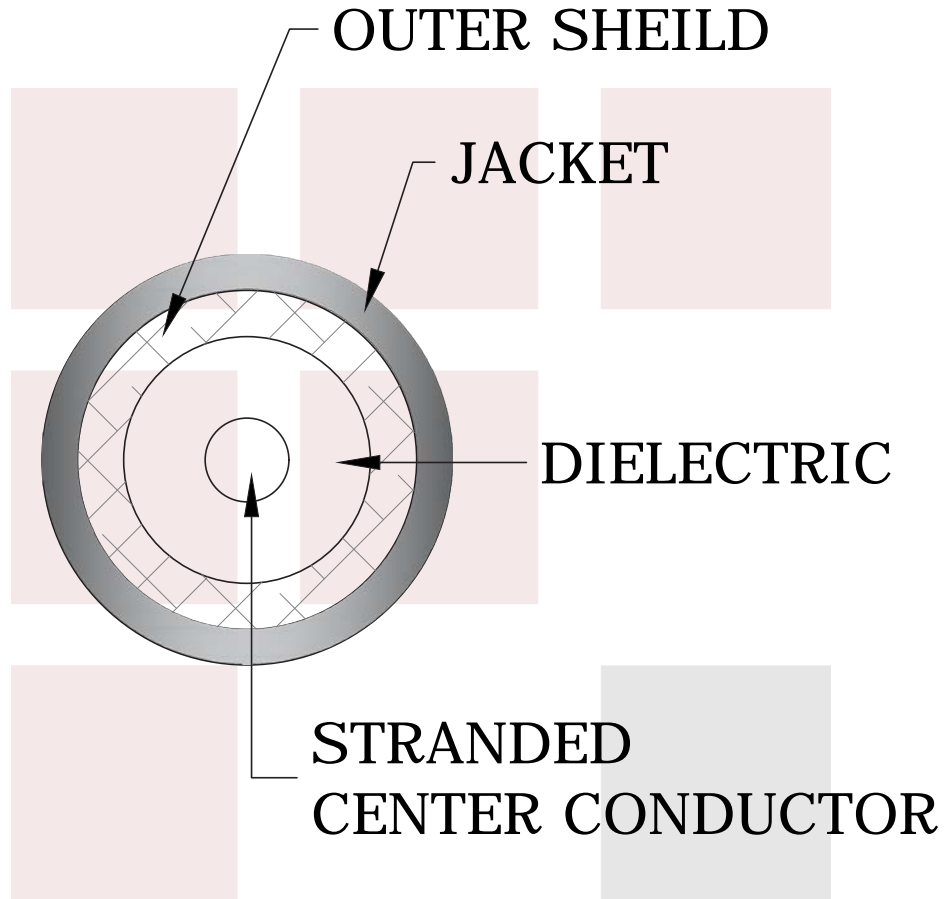
RG316 Flexible Coax Cable FEP Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [RG316 Flexible Coax Cable FEP Jacket RG316](#)

URL: <http://www.fairviewmicrowave.com/rg316-flexible-coax-cable-fep-jacket-rg316-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.





<b>FAIRVIEW MICROWAVE INC.</b> 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 RG316 Flexible Coax Cable FEP Jacket		DWG NO <b>RG316</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	120315	SHEET	SCALE	N/A	SIZE A 5568