

RG316-DS 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		29.39		pF/ft
		[96.42]		[pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.4	1	3		GHz
Attenuation, Typ	8	16.2	26.1	46.7		dB/100ft
	26.25	53.15	85.63	153.22		dB/100m

Mechanical Specifications

Diameter	0.114 in [2.9 mm]
Weight	0.016 lbs/ft [0.02 Kg/m]
Min. Bend Radius (Installation)	0.591 in [15.01 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Silver, 7 Strands	0.046 in [1.17 mm]
Conductor Type	Solid	
Dielectric	PTFE	0.059 in [1.5 mm]
First Shield	Silver Plated Copper Braid	
Second Shield	Silver Plated Copper Braid	
Jacket	FEP	0.114 in [2.9 mm]

Environmental Specifications

Temperature

Operating Range	-55 to 200 deg C
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
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Plotted and Other Data

Notes:



Configuration:

- Flexible Cable
- 2 Shield(s)

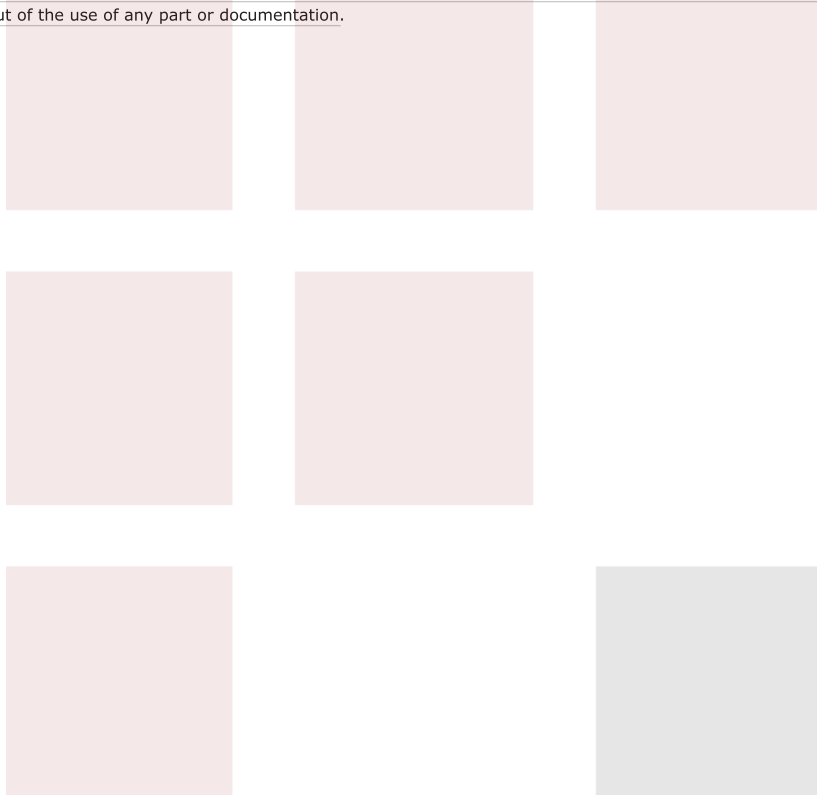
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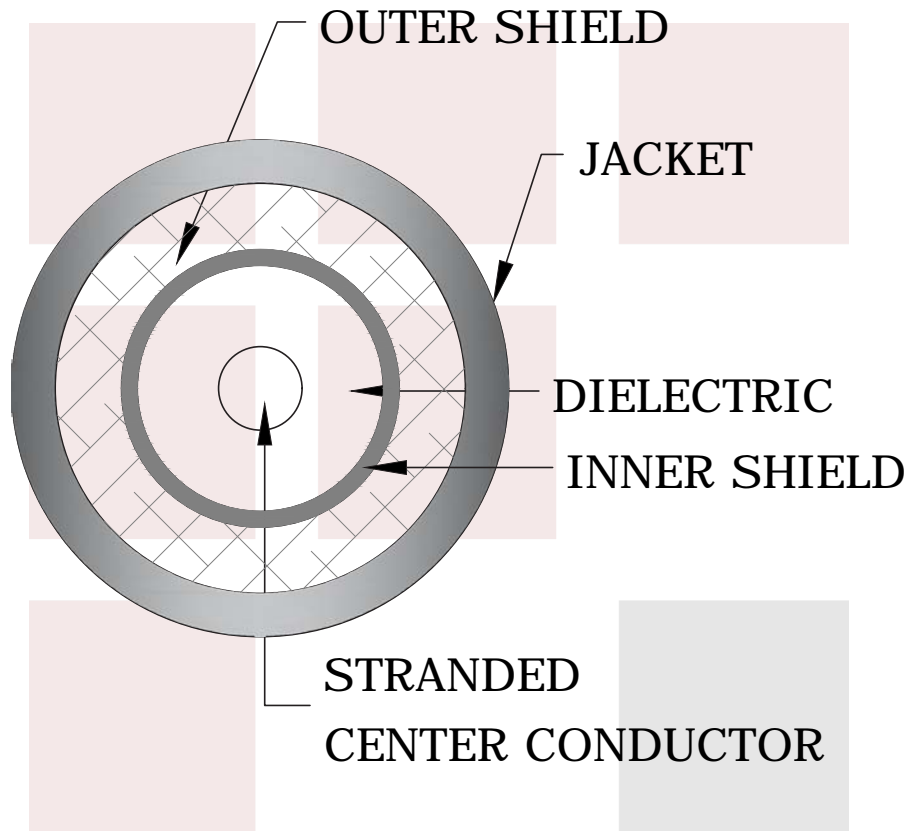
RG316-DS Flexible Coax Cable FEP Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [RG316-DS Flexible Coax Cable FEP Jacket RG316DS](#)

URL: <http://www.fairviewmicrowave.com/rg316-ds-flexible-coax-cable-fep-jacket-rg316ds-p.aspx>

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TITLE RG316-DS Flexible Coax Cable FEP Jacket		DWG NO RG316DS		CAGE CODE 3FKR5	
CAD FILE	120315	SHEET	SCALE	N/A	SIZE A 5568