

RG316 Flexible Coax Cable FEP Jacket

Electrical Specifications

| Description | Min | Typ | Max | Units |
|-------------------------|-----|---------|-------|--------|
| Frequency Range | DC | | 3 | GHz |
| Impedance | | 50 | | Ohms |
| Velocity of Propagation | | 69 | | % |
| Operating Voltage (AC) | | | 1,200 | Vrms |
| DWV (AC) | | | 2,000 | Vrms |
| Jacket Spark | | | 2,000 | Vrms |
| Nominal Capacitance | | 29.4 | | pF/ft |
| | | [96.46] | | [pF/m] |

Performance by Frequency Band

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|------------------|-------|-------|------|--------|--------|----------|
| Frequency | 0.05 | 0.1 | 0.4 | 1 | 3 | GHz |
| Attenuation, Typ | 7.5 | 11 | 21 | 38 | 58 | dB/100ft |
| | 24.61 | 36.09 | 68.9 | 124.67 | 190.29 | dB/100m |

Mechanical Specifications

| | |
|----------|-------------------------|
| Diameter | 0.102 in [2.59 mm] |
| Weight | 0.01 lbs/ft [0.01 Kg/m] |

Construction Specifications

| Description | Material and Plating | Diameter |
|-----------------|--------------------------------------|--------------------|
| Inner Conductor | Copper Clad Steel, Silver, 7 Strands | 0.02 in [0.51 mm] |
| Conductor Type | Stranded | |
| Dielectric | PTFE | 0.06 in [1.52 mm] |
| First Shield | Silver Plated Copper Braid | |
| Jacket | FEP | 0.102 in [2.59 mm] |

Environmental Specifications

| | |
|--------------------|-------------------|
| Temperature | |
| Operating Range | -55 to +200 deg C |

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

Plotted and Other Data

Notes:



Configuration:

- Flexible Cable
- 1 Shield(s)

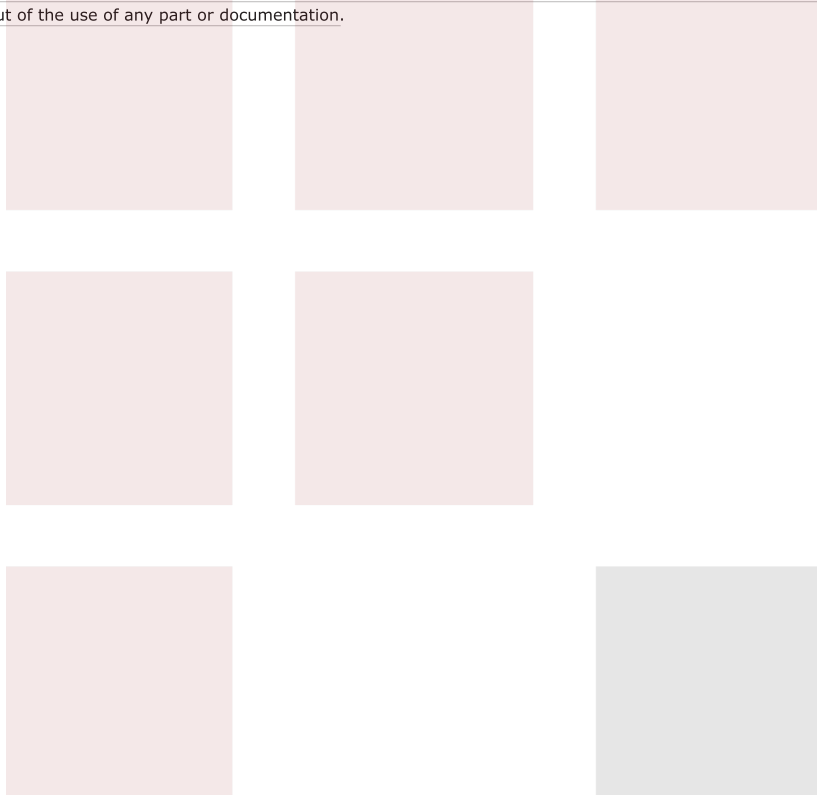
Fairview Microwave
 301 Leora Ln., Suite 100
 Lewisville, TX 75056
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

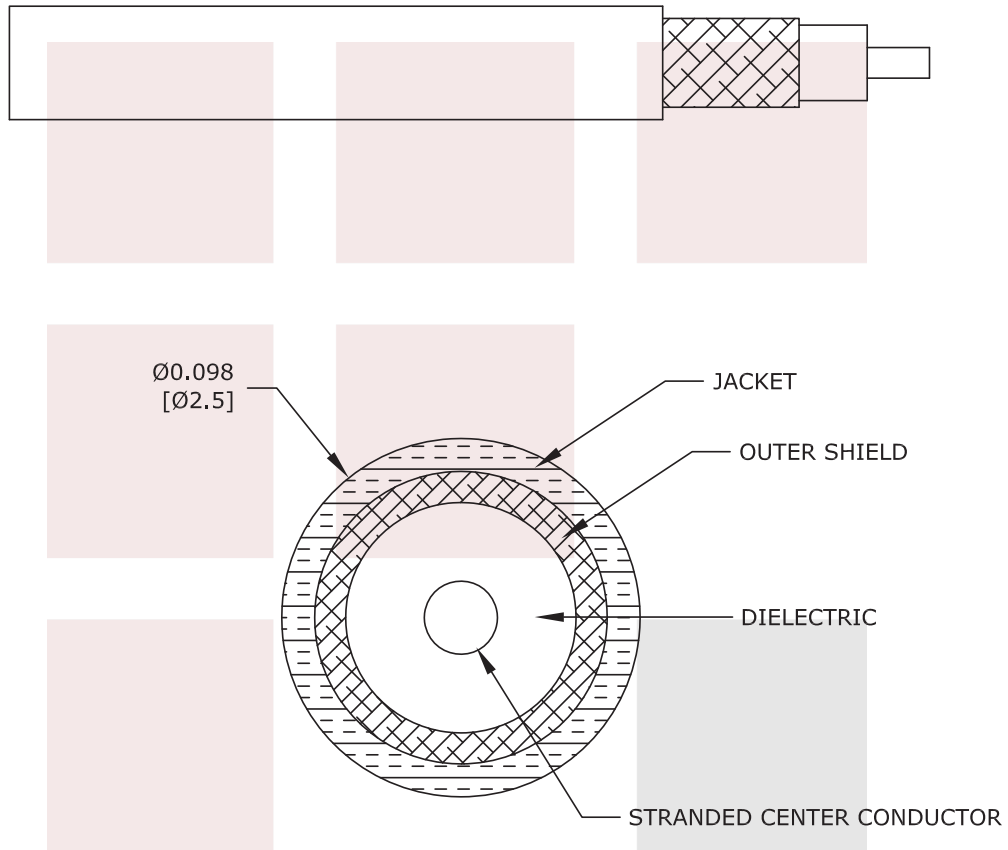
RG316 Flexible Coax Cable FEP Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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

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

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|---|--|---|-----------|--------------------|-------|
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| TITLE RG316 Flexible Coax Cable FEP Jacket | | DWG NO RG316 | | CAGE CODE 3FKR5 | |
| CAD FILE 111816 | | SHEET | SCALE N/A | SIZE A | 41742 |