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# Flexible RG303 Coax Cable Single Shielded with Tan FEP Jacket

## TECHNICAL DATA SHEET RG303/U

Flexible RG303 Coax Cable Single Shielded with Tan FEP Jacket

### Configuration

| | |
|---|---|
| Inner Conductor Material and Plating | Copper Clad Steel, Silver |
| Dielectric Type | PTFE |
| Shield Materials | Silver Plated Copper Braid |
| Jacket Material and Color | FEP, Tan |

### Electrical Specifications

| | |
|---|---|
| Impedance, Ohms | 50 |
| Maximum Operating Frequency, GHz | 3 |
| Capacitance, pF/ft [pF/m] | 32 [104.99] |
| Dielectric Withstanding Voltage, Vrms | 5,000 |

**Electrical Specifications by Frequency**
**Frequency 1**

| | |
|---|---|
| Frequency, MHz | 400 |
| Attenuation, dB/100ft [dB/100m] | 8.6 [28.22] |

### Mechanical Specifications

**Inner Conductor**

| | |
|---|---|
| Number of Strands | 1 |
| Material | Copper Clad Steel |
| Plating | Silver |
| Diameter, in [mm] | 0.037 [0.94] |

**Dielectric:**

| | |
|---|---|
| Type | PTFE |
| Diameter, in [mm] | 0.116 [2.95] |

**Shield:**

| | |
|---|---|
| Number of | 1 |
| Material 1 | Silver Plated Copper Braid |
| Diameter, in [mm] | 0.146 [3.71] |

**Jacket:**

| | |
|---|---|
| Material | FEP |
| Diameter, in [mm] | 0.17 [4.32] |
| Color | Tan |
| Weight, lbs/ft [Kg/m] | 0.039 [0.06] |

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Flexible RG303 Coax Cable Single Shielded with Tan FEP Jacket RG303/U

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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
**Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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**Compliance Certifications** (visit www.Pasternack.com for current document)

| | |
|---|---|
| RoHS Compliant | Yes |

**Plotted and Other Data**

| | |
|---|---|
| Notes: | Values at 25 °C, sea level |

Flexible RG303 Coax Cable Single Shielded with Tan FEP Jacket from Pasternack Enterprises 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 (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Flexible RG303 Coax Cable Single Shielded with Tan FEP Jacket RG303/U

URL: http://www.pasternack.com/flexible-0.170-rg303-50-ohm-coax-cable-fep-jacket-rg303-u-p.aspx

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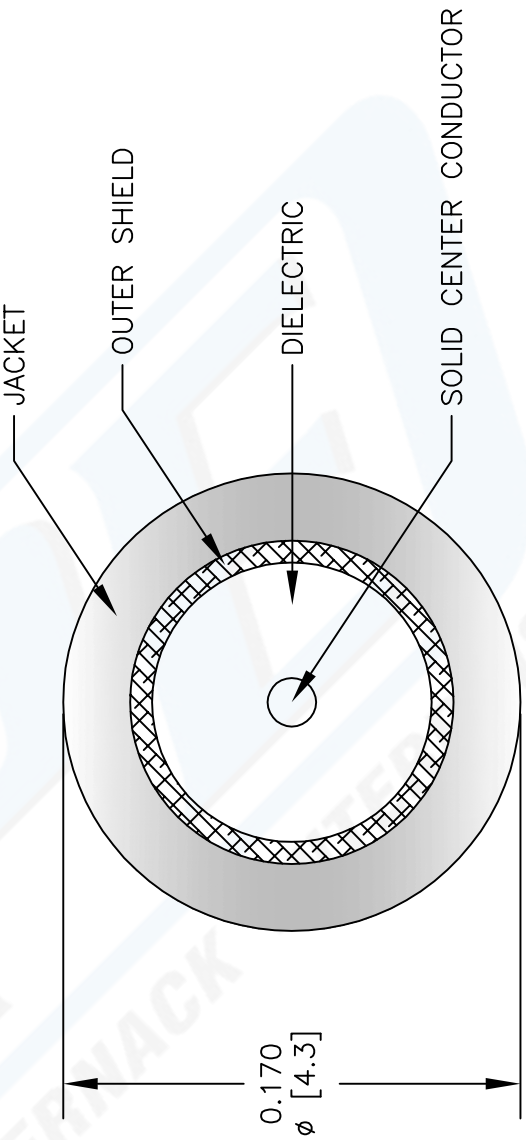
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# RG303/U CAD Drawing

Flexible RG303 Coax Cable Single Shielded with Tan FEP Jacket




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].

| DWG TITLE | CAD FILE | SCALE | SIZE |
|---|---|---|---|
| RG303/U | 022908-A | N/A | A |

| REV. | FSCM NO. |
|---|---|
| A | 53919 |

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