Flexible RG174 Coax Cable Single Shielded with Black PVC Jacket

Times Microwave Systems Coax Cable Specification

Configuration
- Flexible Cable
- 1 Shield(s)

Electrical Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Minimum</th>
<th>Typical</th>
<th>Maximum</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range</td>
<td>DC</td>
<td>1,000</td>
<td>MHz</td>
<td></td>
</tr>
<tr>
<td>Impedance</td>
<td>50</td>
<td></td>
<td>Ohms</td>
<td></td>
</tr>
<tr>
<td>Velocity of Propagation</td>
<td>66</td>
<td></td>
<td>%</td>
<td></td>
</tr>
<tr>
<td>Nominal Capacitance</td>
<td>31.08 [101.97]</td>
<td></td>
<td>pF/ft [pF/m]</td>
<td></td>
</tr>
</tbody>
</table>

Performance by Frequency Band

<table>
<thead>
<tr>
<th>Description</th>
<th>F1</th>
<th>F2</th>
<th>F3</th>
<th>F4</th>
<th>F5</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>100</td>
<td>400</td>
<td>1,000</td>
<td></td>
<td>MHz</td>
<td></td>
</tr>
<tr>
<td>Attenuation, Typ</td>
<td>8.4</td>
<td>27.56</td>
<td>32</td>
<td>27.56</td>
<td>90.42</td>
<td>dB/100ft</td>
</tr>
<tr>
<td></td>
<td></td>
<td>90.42</td>
<td>104.99</td>
<td></td>
<td>dB/100m</td>
<td></td>
</tr>
</tbody>
</table>

Mechanical Specifications

- Diameter: 0.11 in [2.79 mm]
- Weight: 0.009 lbs/ft [0.01 Kg/m]

Construction Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Material and Plating</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inner Conductor</td>
<td>Copper Clad Steel, 7 Strands</td>
<td>0.019 in [0.48 mm]</td>
</tr>
<tr>
<td>Conductor Type</td>
<td>Stranded</td>
<td></td>
</tr>
<tr>
<td>Dielectric</td>
<td>PE</td>
<td>0.06 in [1.52 mm]</td>
</tr>
<tr>
<td>First Shield</td>
<td>Tinned Copper Braid</td>
<td>0.078 in [1.98 mm]</td>
</tr>
</tbody>
</table>

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Flexible RG174 Coax Cable Single Shielded with Black PVC Jacket RG174A/U

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RG174A/U REV 1.2
Flexible RG174 Coax Cable Single Shielded with Black PVC Jacket

RF Cables
Technical Data Sheet

<table>
<thead>
<tr>
<th>Jacket</th>
<th>PVC, Black</th>
<th>0.11 in [2.79 mm]</th>
</tr>
</thead>
</table>

Environmental Specifications
Temperature
Operating Range: -40 to +80 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data
Notes:
Flexible RG174 Coax Cable Single Shielded with Black PVC Jacket from Pasternack Enterprises has same day shipment for domestic and international orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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 RG174 Coax Cable Single Shielded with Black PVC Jacket RG174A/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 does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.
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*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

- X ±0.2
- XX ±0.01
- XXX ±0.005

NOTE:

- STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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CAGE CODE 53919

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