RG58C/U (50 Ohm)

Conductor
- Number of conductors: 1
- RG Type: 58C/U
- AWG: 20
- Stranding: 19/32
- Conductor Diameter: 0.032"
- Conductor Material: Tin Plated Copper

Insulation
- Insulation Material: Solid Polyethylene
- Insulation Diameter: 0.116"

Outer Shield
- Outer Shield Type: Braid
- Layer 1 Material: Tinned Copper
- Outer Shield % Coverage: 95%

Outer Jacket
- Outer Jacket Material: RoHS Compliant PVC – Polyvinyl Chloride

Overall Nominal Diameter
- Overall Nominal Diameter: 0.196"

Mechanical Characteristics
- Operating Temperature Range: -20°C to +80°C
- UL Temperature Rating: 80°C
- Maximum Recommended Pulling Tension: 50lbs.
- Minimum Bend Radius (install): 2.0"

Electrical Characteristics
- Nom. Characteristic Impedance: 50 Ohms
- Nom. Inductance: 0.097 μH/ft
- Nom. Capacitance Conductor to Shield: 16.1 pF/ft
- Nom. Velocity of Propagation: 84%
- Nom. Delay: 1.21 ns/ft
- Nom. Conductor DC Resistance (at 20°C): 10 Ohms/1000ft
- Nom. Outer Shield DC Resistance (at 20°C): 3.2 Ohms/1000ft

Nominal Attenuation
<table>
<thead>
<tr>
<th>MHz</th>
<th>Db/100ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>3.3</td>
</tr>
<tr>
<td>100</td>
<td>4.9</td>
</tr>
<tr>
<td>200</td>
<td>7.3</td>
</tr>
<tr>
<td>400</td>
<td>11.5</td>
</tr>
<tr>
<td>1,000</td>
<td>21.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODEL (RG58C)</th>
<th>PRIMARY PACKAGING</th>
<th>SECONDARY PACKAGING</th>
<th>LENGTH (+10%/-0%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RG58C-100</td>
<td>COIL</td>
<td>LOGO BAG</td>
<td>100 FT.</td>
</tr>
<tr>
<td>RG58C-500</td>
<td>SPOOL</td>
<td>STRETCH WRAP, CARD BOARD, OR OTHER</td>
<td>500 FT.</td>
</tr>
<tr>
<td>RG58C-1K</td>
<td>SPOOL</td>
<td>STRETCH WRAP, CARD BOARD, OR OTHER</td>
<td>1,000 FT.</td>
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