50Ω Coaxial Cable
RG58C/U, 20AWG

Description
20AWG Stranded TACW, Solid PE Insulation, TACW Braiding 95% Coverage, PVC Sheath.

Application
For CATV/MATV, Broadband, HDTV and Satellite Broadcasting Transmission use.

Construction

Conductor
Material : Tinned Annealed Copper Wire
Size : 20AWG
Construction : Stranded (19/0.19mm)

Insulation
Material : Solid PE
Nominal O.D : 2.95mm

Braiding
Material : TACW, 95% Coverage

Sheath
Material : PVC
Nominal O.D : 5.0mm
Colour : Black

Physical Properties
Min. Bend Radius : 50mm
Operating Temperature : -15°C to 60°C

Electrical Properties
Rated Voltage : 30V
Max. Conductor DC Resistance @20°C : 35.4Ω/km
Nom. Characteristic Impedance : 50±3Ω (10MHz)
Nom. Capacitance : 107±2pF/m (1kHz)
Nom. Velocity of Propagation : 66%
Voltage test : Core to Shielding : 2,300V AC/1min
Max. Attenuation (dB/100m)

<table>
<thead>
<tr>
<th>(MHz)</th>
<th>1</th>
<th>10</th>
<th>50</th>
<th>100</th>
<th>200</th>
<th>400</th>
<th>700</th>
<th>900</th>
<th>1000</th>
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<tbody>
<tr>
<td>(dB)</td>
<td>1.4</td>
<td>4.6</td>
<td>10.8</td>
<td>16.1</td>
<td>23.9</td>
<td>37.7</td>
<td>55.8</td>
<td>65.6</td>
<td>70.5</td>
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</table>
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Diagram

Part Number Table

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
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<tbody>
<tr>
<td>50Ω Coaxial Cable RG58C/U 20AWG, PVC Sheath</td>
<td>CBBR0441</td>
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