CFD195 COAXIAL CABLE
P/N DC1951A5BT (PVC) DC1951A5BT-E (PE)

Structure Figure

Conductor
Material: Bare Copper Wire
Diameter: Approx. 0.94 mm

Insulation
Material: PEF
Diameter: Approx. 2.79 mm

Binder
Material: Sealed Aluminum Mylar
Aluminum Tape

Single Braid
Material: Tinned copper wire
Coverage: 88% ↑

Jacket
Material: PVC (CFD195) PE (CFD195-E)
Color: Black
Diameter: Approx. 5.0 mm

Electrical Properties (At 20°C)

- Velocity of Propagation: 80%
- Impedance: Nom. 50 Ω
- Capacitance: Nom. 24.3 PF/FT

<table>
<thead>
<tr>
<th>Frequency(MHz)</th>
<th>dB/100m</th>
<th>dB/100ft</th>
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<tr>
<td>30</td>
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<td>1.92</td>
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<tr>
<td>50</td>
<td>8.1</td>
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<tr>
<td>150</td>
<td>14.1</td>
<td>4.30</td>
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<tr>
<td>220</td>
<td>17.1</td>
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<td>450</td>
<td>24.6</td>
<td>7.50</td>
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<td>900</td>
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<tr>
<td>1500</td>
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<td>5800</td>
<td>93.1</td>
<td>28.40</td>
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</table>

Environmental Specification

- Installation temperature range: -20°C~+60°C
- Storage temperature range: -20°C~+60°C
- Operating temperature range: -20°C~+60°C

Mechanical Specification

- Minimum bend radius: 12.7mm

Packing

Both ends of the cable shall be effectively sealed to prevent the entrance of moisture. The cable shall be supplied in plywood drum 500m or coils of 200m.