50 Ω, 32 AWG MICRO COAX CABLE

**PERFORMANCE DATA**

- **Capacitance:** 26 pF/ft (nominal)
- **Propagation Delay:** 1.29 ns/foot
- **Flex Cycles:** 50,000 cycles, 13-wide ribbon*
- **Current Rating:** Single conductor = 2.4 Amps**
  20 conductors = 1.0 Amps**
- **Shield DCR:** 91 Ω/1000 ft
- **CC DCR:** 166 Ω/1000 ft
- **Min. Bend Radius:** .125"
- **Availability:** Single, 2-30 ribbon, tape bonded
- **Temperature Rating:** -25 °C to 105 °C ***
- **Flammability Rating:** UL VW-1†
- **DWV Working Voltage:** 281 V‡

**Insertion Loss**

<table>
<thead>
<tr>
<th>Distance</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.25 m</td>
<td>-3 dB</td>
</tr>
<tr>
<td></td>
<td>-7 dB</td>
</tr>
</tbody>
</table>

| 1 m       | -3 dB     | 3 GHz |
|          | -7 dB     | 10 GHz |

- Test Conditions – 8 oz. weight, dia 1/4" mandrel, +/-90 bend X2
- **Rating –** 30 °C Temperature Rise, 20% de-rated.
- Testing performed on 20-position ribbon.
- Test Conditions – Heat Shock/Cold Bend per UL1581, wire wrap 1/4" mandrel, visual inspection
- BBCX-3250F-01 has undergone UL VW-1 Research Testing and complies with UL 758.
- Test Conditions – IR/DWV/Thermal Shock/Humidity per EIA-364-20, 21, 31 and 32

**INSERTION LOSS AND RETURN LOSS GRAPHS**§

IL and RL data are typical. Results may vary.