**50 Ω, 26 AWG MICRO COAX CABLE**

**TCF-2650F-XX-XX**

- **Jacket:** PVC Ø .0750 (1.905)
- **Shield:** 38 AWG Serve Ø .0580 (1.473)
- **Dielectric:** FEP Foam Ø .0501 (1.273)
- **Signal Conductor:** SPC 26 AWG Ø .0188 (0.478)

### PERFORMANCE DATA

- **Capacitance:** 26 pF/ft (nominal)
- **Propagation Delay:** 1.29 ns/foot
- **Flex Cycles:** 25,000 cycles, 8-wide ribbon*
- **Current Rating:**
  - Single conductor = 5.3 Amps**
  - 10 conductors = 2.6 Amps**
- **Shield DCR:** 16 Ω/1000 ft
- **CC DCR:** 37 Ω/1000 ft
- **Min. Bend Radius:** .35”
- **Availability:** Single, 2-17 ribbon, tape bonded
- **Temperature Rating:** -25 °C to 105 °C ***
- **Flammability Rating:** UL VW-1†
- **DWV Working Voltage:** 438 V‡

### INSERTION LOSS AND RETURN LOSS GRAPHS

#### Insertion Loss

<table>
<thead>
<tr>
<th>Insertion Loss</th>
<th>0.25 m</th>
<th>1 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3 dB</td>
<td>&gt;20 GHz</td>
<td>7 GHz</td>
</tr>
<tr>
<td>-7 dB</td>
<td>&gt;20 GHz</td>
<td>&gt;20 GHz</td>
</tr>
</tbody>
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* Test Conditions – 8 oz. weight, dia 1/4” mandrel, +/-90 bend X2
** Rating – 30 °C Temperature Rise, 20% de-rated.
*** Test Conditions – Heat Shock/Cold Bend per UL1581, wire wrap 1/4” mandrel, visual inspection
† BBCX-2650F-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

* IL and RL data are typical. Results may vary.