50 Ω, 28 AWG MICRO COAX CABLE

PERFORMANCE DATA

Capacitance: 26 pF/ft (nominal)
Propagation Delay: 1.29 ns/foot
Flex Cycles: 200,000 cycles, 8-wide ribbon*
Current Rating:
- Single conductor = 4.2 Amps**
- 20 conductors = 2.0 Amps**
Shield DCR: 23 Ω/1000 ft
CC DCR: 62 Ω/1000 ft
Min. Bend Radius: .125"
Availability: Single, 2-20 ribbon, tape bonded
Temperature Rating: -25 °C to 105 °C ***
Flammability Rating: UL VW-1†
DWV Working Voltage: 375 V‡

Insertion Loss

<table>
<thead>
<tr>
<th></th>
<th>0.25 m</th>
<th>1 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3 dB</td>
<td>&gt;20 GHz</td>
<td>6.3 GHz</td>
</tr>
<tr>
<td>-7 dB</td>
<td>&gt;20 GHz</td>
<td>17.3 GHz</td>
</tr>
</tbody>
</table>

* Test Conditions – 8 oz. weight, dia 1/4" mandrel, +/-90 bend X2
*** Test Conditions – Heat Shock/Cold Bend per UL #1581-540 and #1581-580, wire wrap 1/4" mandrel, visual inspection
†BBCS-2850F-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.