50 Ω, 30 AWG MICRO COAX CABLE

PERFORMANCE DATA
Capacitance: 26 pF/ft (nominal)
Propagation Delay: 1.28 ns/foot
Flex Cycles: 25,000 cycles, 8-wide ribbon*
Current Rating: Single conductor = 3.3 Amps**
20 conductors = 1.3 Amps**
Shield DCR: 37 Ω/1000 ft
CC DCR: 101 Ω/1000 ft
Min. Bend Radius: .3125"
Availability: Single, 2-35 ribbon, tape bonded
Temperature Rating: -25 °C to 105 °C, UL VW-1 Tested ***
DWV Working Voltage: 338 V†

<table>
<thead>
<tr>
<th>Insertion Loss</th>
<th>0.25 Ω</th>
<th>1 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3 dB</td>
<td></td>
<td>16.7 GHz</td>
</tr>
<tr>
<td>-7 dB</td>
<td></td>
<td>&gt;20 GHz</td>
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</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.
Testing performed on 20-position ribbon.
*** Test Conditions – Heat Shock/Cold Bend per UL1581, wire wrap 1/4" mandrel, visual inspection
† 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.