50 Ω, 28 AWG MICRO COAX CABLE

PERFORMANCE DATA

Capacitance: 27 pF/ft (nominal)
Propagation Delay: 1.29 ns/foot
Flex Cycles: 20,000 cycles, 8-wide ribbon*
Current Rating: Single conductor = 4.2 Amps**
                20 conductors = 2.0 Amps**
Shield DCR: 25 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, UL VW-1 Tested ***
DWV Working Voltage: 375 V†

Insertion Loss

<table>
<thead>
<tr>
<th></th>
<th>0.25 m</th>
<th>1 m</th>
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</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 – IR/DWV/Thermal Shock/Humidity per EIA-364-20, 21, 31 and 32
** Rating – 30 °C Temperature Rise, 20% de-rated.
*** Test Conditions – Heat Shock/Cold Bend per UL #1581-540 and #1581-580, wire wrap 1/4” mandrel, visual inspection
†† Test Conditions – IR/DWV/Thermal Shock/Humidity per EIA-364-20, 21, 31 and 32
†IL and RL data are typical. Results may vary.