100 Ω, 36 AWG SOLID, MICRO TWINAX CABLE

Capacitance:  13.7 pF/ft Leg to Leg (nominal)
Skew:  10 ps/m within pairs
Propagation Delay:  1.46 ns/foot
Flex Cycles:  2,000 cycles, 6-wide ribbon*
Current Rating:  Single conductor = 1.3 Amps**
  16 conductors = 0.5 Amps**
Shield DCR:  140 Ω/1000 ft
CC DCR:  508 Ω/1000 ft
Min. Bend Radius:  .125"
Availability:  Single, 2-16 ribbon, tape bonded
Temperature Rating:  -25 °C to 105 °C, UL VW-1 Tested ***
DWV Working Voltage:  188 V†

PERFORMANCE DATA

INSERTION LOSS AND RETURN LOSS GRAPHS‡

<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>1.7 GHz</td>
</tr>
<tr>
<td>-7 dB</td>
<td>&gt;20 GHz</td>
<td>8.6 GHz</td>
</tr>
</tbody>
</table>

* 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 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.