**PERFORMANCE DATA**

- **Capacitance:** 14.7 pF/ft Leg to Leg (nominal)
- **Skew:** 10 ps/m within pairs
- **Propagation Delay:** 1.46 ns/foot
- **Flex Cycles:** 7,000 cycles, 4-wide ribbon*
- **Current Rating:**
  - Single conductor = 2.0 Amps**
  - 16 conductors = 0.7 Amps**
- **Shield DCR:** 131 Ω/1000 ft
- **CC DCR:** 258 Ω/1000 ft
- **Min. Bend Radius:** .125"
- **Availability:** Single, 2-16 ribbon, tape bonded
- **Temperature Rating:** -25 °C to 105 °C ***
- **Flammability Rating:** UL VW-1†
- **DWV Working Voltage:** 219 V‡

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**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>2.7 GHz</td>
</tr>
<tr>
<td>-7 dB</td>
<td>&gt;20 GHz</td>
<td>13 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
†TX-34100-01 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.