PERFORMANCE DATA

- Capacitance: 13.9 pF/ft (nominal)
- Skew: 10 ps/m max within pairs
- Propagation Delay: 1.46 ns/foot
- Flex Cycles: 13,000 cycles, single*
- Current Rating: Single conductor = 2.6 Amps**
- Shield DCR: 26 Ω/1000 ft
- CC DCR: 101 Ω/1000 ft
- Min. Bend Radius: .375"
- Availability: Single, tape bonded
- Temperature Rating: -55 °C to 200 °C ***
- Flammability Rating: UL VW-1†
- DWV Working Voltage: 281 V‡

* Test Conditions – 4 oz. weight, dia 7/8" mandrel, +/-90 bend X2
** Rating – 30 °C Temperature Rise, 30% de-rated.
*** Test Conditions – Heat Shock/Cold Soak per UL1581, wire wrap 1/4" mandrel, visual inspection
†TX-30100-FEP-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

Insertion Loss

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>0.25 m</th>
<th>1 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3 dB</td>
<td>14 GHz</td>
<td>3 GHz</td>
</tr>
<tr>
<td>-7 dB</td>
<td>&gt;20 GHz</td>
<td>10 GHz</td>
</tr>
</tbody>
</table>

*IL and RL data are typical. Results may vary.