**85 Ω, 34 AWG SOLID, CU MICRO TWINAX CABLE HT**

PERFORMANCE DATA

Capacitance: 16 pF/ft (nominal)
Skew: 3.5 ps/m max within pairs
Propagation Delay: 1.45 ns/foot
Flex Cycles: 12,000 cycles, single*
Current Rating: Single conductor: 1.5 Amps**
2 conductors: 1.1 Amps**
Shield DCR: 167 Ω/1000 ft
CC DCR: 300 Ω/1000 ft
Min. Bend Radius: .125”
Availability: Single, tape bonded
Temperature Rating: -40 °C to 140 °C ***
Flammability Rating: UL VW-1†
DWV Working Voltage: 257 V‡

* Test Conditions – 4 oz. weight, dia 7/8” mandrel, +/- 90 bend X2
** Rating – 30 °C Temperature Rise, 20% de-rated.
Testing performed on single.
*** Test Conditions – Heat Shock/Cold Soak per UL #1581, wire wrap 7/8” mandrel, visual inspection
†TX-3485CU-T01-S 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 0.25 m 1 m

<table>
<thead>
<tr>
<th></th>
<th>0.25 m</th>
<th>1 m</th>
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<tbody>
<tr>
<td>-3 dB</td>
<td>25 GHz</td>
<td>2 GHz</td>
</tr>
<tr>
<td>-7 dB</td>
<td>&gt;32 GHz</td>
<td>9 GHz</td>
</tr>
</tbody>
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**INSERTION LOSS AND RETURN LOSS GRAPHS**

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