PERFORMANCE DATA
Capacitance: 9.2 pF/ft (nominal)
Skew: 10 ps/m max within pairs
Propagation Delay: 1.46 ns/foot
Flex Cycles: 14,000 cycles, single*
Current Rating: Single conductor = 2.8 Amps**
2 conductors = 2.0 Amps**
Shield DCR: 73.8 Ω/1000 ft
CC DCR: 101 Ω/1000 ft
Min. Bend Radius: .125"
Availability: Single, tape bonded
Temperature Rating: -25 °C to 140 °C***
Flammability Rating: UL VW-1†
DWV Working Voltage: 219 V‡

Insertion Loss | 0.25 m | 1 m
--- | --- | ---
-3 dB | 18 GHz | 5 GHz
-7 dB | >20 GHz | 17 GHz

* 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 UL1581, wire wrap 1/4" mandrel, visual inspection.
†TX-30100CU-T01 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§

IL and RL data are typical. Results may vary.