PERFORMANCE DATA

Capacitance: 14 pF/ft (nominal)
Skew: 10 ps/m within pairs
Propagation Delay: 1.46 ns/foot
Flex Cycles: 8,000 cycles, 4-wide ribbon*
Current Rating: Single conductor = 2.6 Amps**
16 conductors = 1.0 Amps**
Shield DCR: 90 Ω/1000 ft
CC DCR: 164 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: 281 V‡

Insertion Loss 0.25 m 1 m
-3 dB >20 GHz 4 GHz
-7 dB >20 GHz 18 GHz

* Test Conditions – 8 oz. weight, dia 7/8” mandrel, +/-90 bend X2
** Rating – 30 °C Temperature Rise, 20% de-rated.
Testing performed on 8-position ribbon.
*** Test Conditions – Heat Shock/Cold Bend per UL1581,
wire wrap 1/4” mandrel, visual inspection
†TX-32100-01 is UL recognized under UL File E321359
- Wire Style 21995
‡Test Conditions – IR/DWV/Thermal Shock/Humidity
per EIA-364-20, 21, 31 and 32

INSERTION LOSS AND RETURN LOSS GRAPHS§

[Graphs showing insertion loss and return loss for 0.25m and 1m distances]