100 Ω, 30 AWG SOLID, CU MICRO TWINAX CABLE HT

PERFORMANCE DATA

Capacitance: 13.6 pF/ft leg-to-leg (nominal)
Skew: 3.5 ps/m max within pairs
Propagation Delay: 1.46 ns/foot
Flex Cycles: 2,500 cycles, single*
Current Rating: Single conductor = 2.6 Amps**
2 conductors = 1.9 Amps**
Shield DCR: 83 Ω/1000 ft
CC DCR: 118 Ω/1000 ft
Min. Bend Radius: .125"
Availability: Single, tape bonded
Temperature Rating: -40 ºC to 140 ºC, UL VW-1 Tested***
DWV Working Voltage: 250 V†

Insertion Loss | 0.25 m | 1 m |
---|---|---|
-3 dB | 32 GHz | 6.4 GHz |
-7 dB | > 32 GHz | 30 GHz |

* Test Conditions – 4 oz. weight, dia 7/8” mandrel, +/-90 bend
**Rating – 30 ºC Temperature Rise, 20% de-rated.
***Test Conditions – Heat Shock/Cold Soak per UL1581, wire wrap 1/4” mandrel, visual inspection
†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 is typical. Results may vary.