100 Ω, 26 AWG CU MICRO TWINAX CABLE

TTF-26100-XX-XX

PERFORMANCE DATA

Capacitance: 13 pF/ft (nominal)
Skew: 10 ps/m max within pairs
Propagation Delay: 1.46 ns/foot
Flex Cycles: 4,000 cycles, single*
Current Rating: Single conductor = 4.7 Amps**
2 conductors = 3.4 Amps**
Shield DCR: 63 Ω/1000 ft
CC DCR: 39 Ω/1000 ft
Min. Bend Radius: .125”
Availability: Single, tape bonded
Temperature Rating: -25 °C to 105 °C ***
Flammability Rating: UL VW-1†
DWV Working Voltage: 575 V‡

Insertion Loss 0.25 m 1 m

-3 dB >20 GHz 10.8 GHz
-7 dB >20 GHz >20 GHz

* Test Conditions – 4 oz. weight, dia 7/8” mandrel, +/-90 bend X2
** Rating – 30 °C Temperature Rise, 20% de-rated.
*** Test Conditions – Heat Shock/Cold Bend per UL1581-540, -580, wire wrap 1/4” mandrel, visual inspection
†TX-26100-01 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

TTF-26100-XX-XX, .25m

TTF-26100-XX-XX, 1.0m

IL and RL data are typical. Results may vary.

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