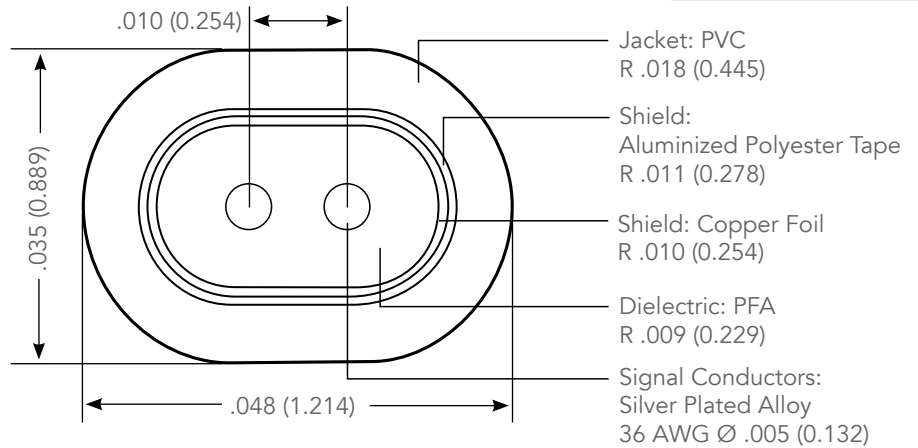
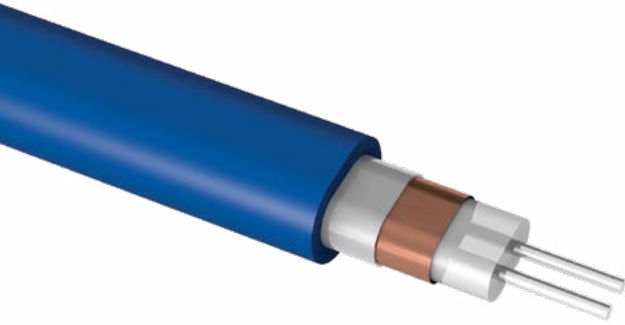


100 Ω, 36 AWG SOLID, MICRO TWINAX CABLE

TTF-36100-XX-XX



PERFORMANCE DATA

Capacitance:	14.2 pF/ft Leg to Leg (nominal)
Skew:	10 ps/m within pairs
Propagation Delay:	1.46 ns/foot
Flex Cycles:	2,000 cycles, 6-wide ribbon*
Current Rating:	Single conductor = 1.3 Amps** 16 conductors = 0.5 Amps**
Shield DCR:	150 Ω/1000 ft
CC DCR:	508 Ω/1000 ft
Min. Bend Radius:	.125"
Availability:	Single, 2-16 ribbon, tape bonded
Temperature Rating:	-25 °C to 105 °C, UL VW-1 Tested ***
DWV Working Voltage:	188 V†

Insertion Loss	0.25 m	1 m
-3 dB	>20 GHz	1.7 GHz
-7 dB	>20 GHz	8.6 GHz

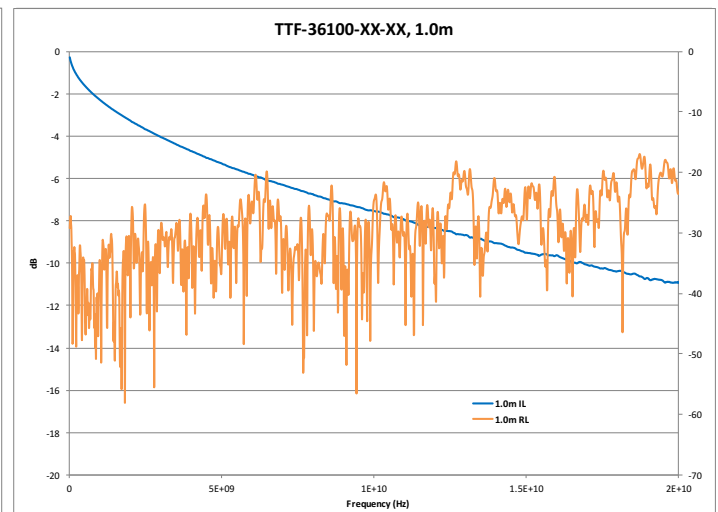
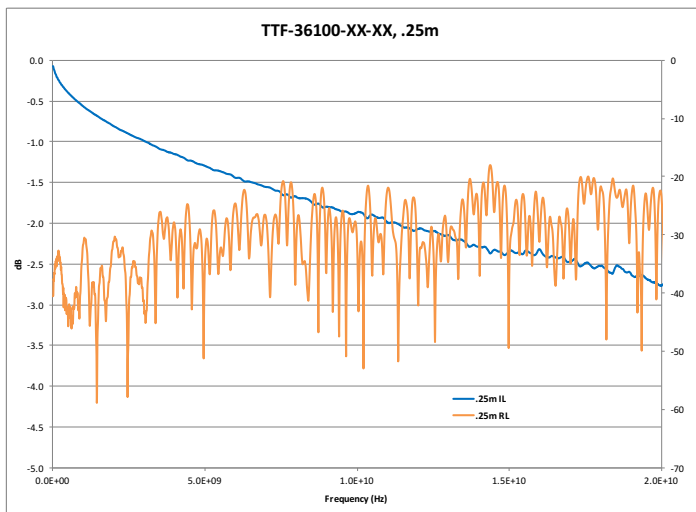
* Test Conditions – 8 oz. weight, dia 1/4" mandrel, +/-90 bend X2

** Rating – 30 °C Temperature Rise, 20% de-rated. Testing performed on 8-position ribbon.

*** Test Conditions – Heat Shock/Cold Bend per UL #1581-540 and #1581-580, 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 are typical. Results may vary.



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December 30, 2019 • Rev: E