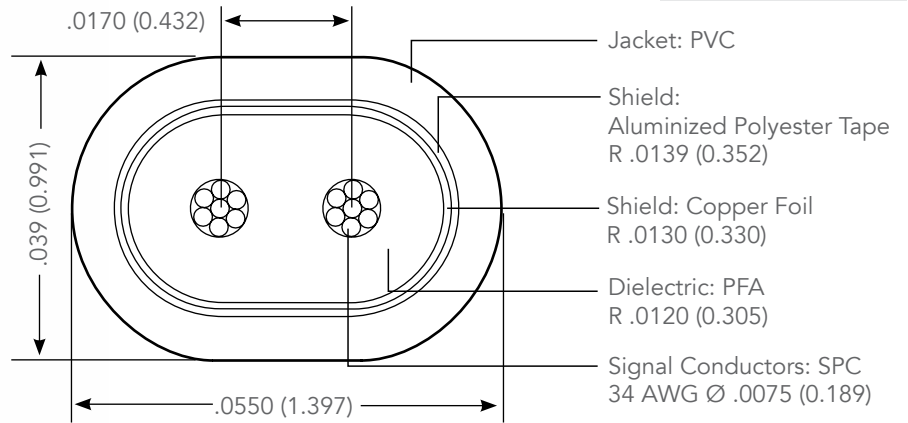
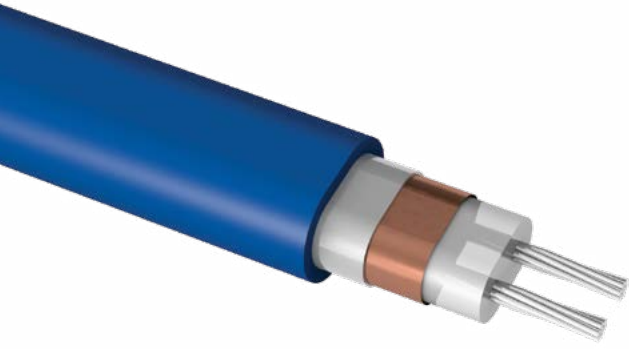


# 100 Ω, 34 AWG MICRO TWINAX CABLE

TTF-34100-XX-XX



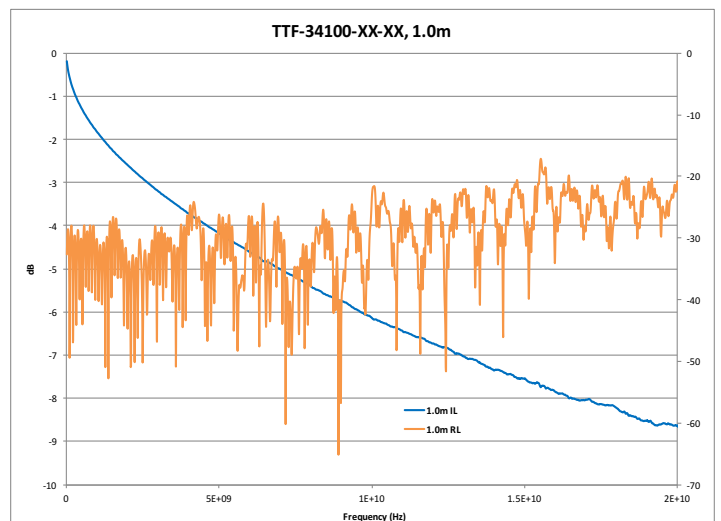
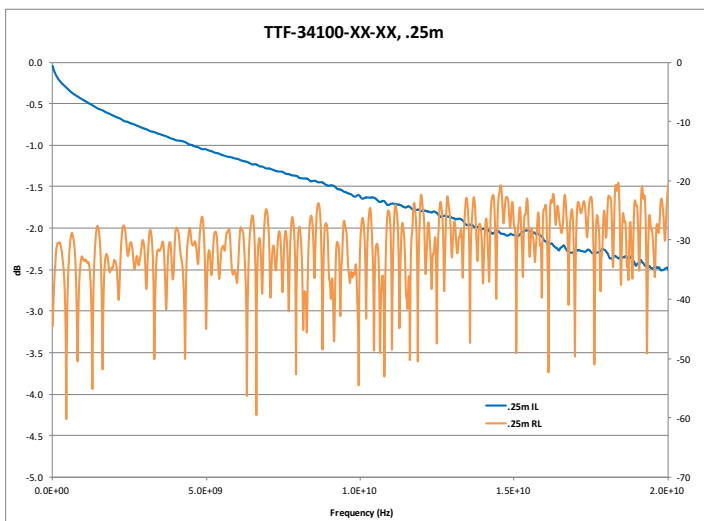
## PERFORMANCE DATA

Capacitance:	14.7 pF/ft Leg to Leg (nominal)
Skew:	10 ps/m within pairs
Propagation Delay:	1.46 ns/foot
Flex Cycles:	7,000 cycles, 4-wide ribbon*
Current Rating:	Single conductor = 2.0 Amps** 16 conductors = 0.7 Amps**
Shield DCR:	131 Ω/1000 ft
CC DCR:	258 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:	219 V†

Insertion Loss	0.25 m	1 m
-3 dB	>20 GHz	2.7 GHz
-7 dB	>20 GHz	13 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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