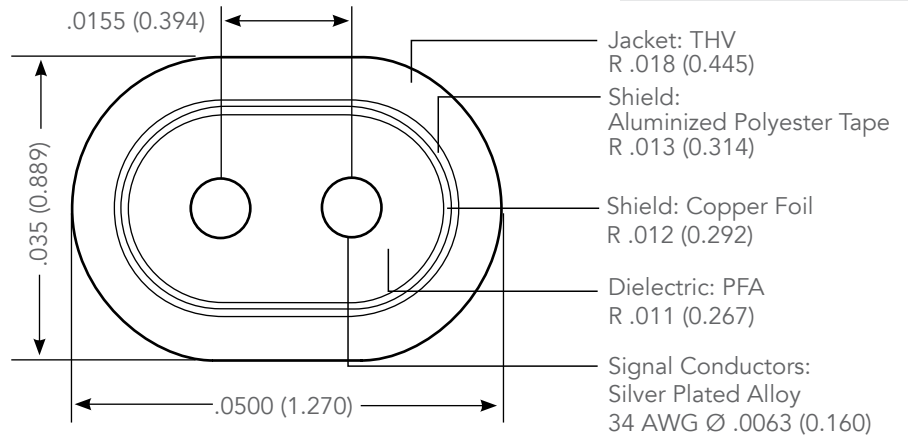


# 100 Ω, 34 AWG SOLID, CU MICRO TWINAX CABLE HT

TTF-34100CU-01-T01-S



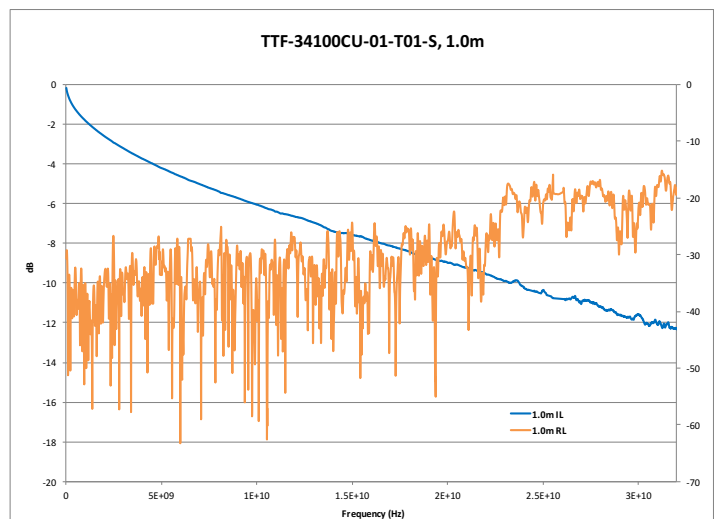
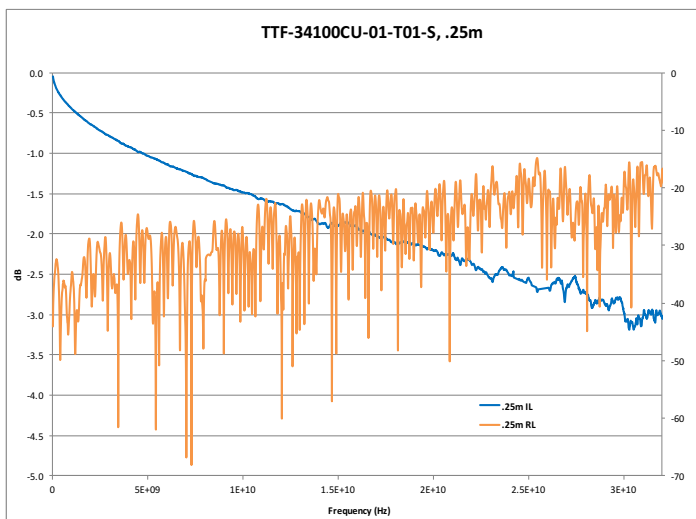
## PERFORMANCE DATA

Capacitance:	13.3 pF/ft leg-to-leg (nominal)
Skew:	3.5 ps/m max within pairs
Propagation Delay:	1.46 ns/foot
Flex Cycles:	4,000 cycles, single*
Current Rating:	Single conductor: 1.5 Amps** 2 conductors: 1.1 Amps**
Shield DCR:	159 Ω/1000 ft
CC DCR:	300 Ω/1000 ft
Min. Bend Radius:	.125"
Availability:	Single, tape bonded
Temperature Rating:	-40 °C to 140 °C, UL VW-1 Tested ***
DWV Working Voltage:	283 V†

Insertion Loss	0.25 m	1 m
-3 dB	30 GHz	2.6 GHz
-7 dB	> 32 GHz	13 GHz

\* Test Conditions – 4 oz. weight, dia 7/8" mandrel, +/-90 bend X2  
 \*\* Rating – 30 °C Temperature Rise, 20% de-rated. Testing performed on single.  
 \*\*\* Test Conditions – Heat Shock/Cold Soak per UL #1581, wire wrap 7/8" 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.



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