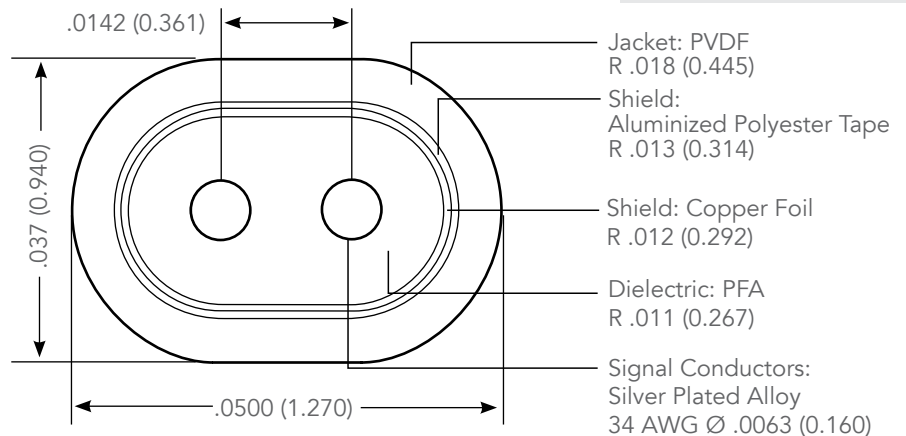


92 Ω , 34 AWG SOLID, CU MICRO TWINAX CABLE HT PVDF



PERFORMANCE DATA

Capacitance:	15.3 pF/ft leg-to-leg (nominal)
Skew:	3.5 ps/m max within pairs
Propagation Delay:	1.45 ns/foot
Flex Cycles:	4,000 cycles, single* est.
Current Rating:	Single conductor: 1.5 Amps** 2 conductors: 1.1 Amps**
Shield DCR:	149 Ω /1000 ft
CC DCR:	300 Ω /1000 ft
Min. Bend Radius:	.125" (single bend only for <1 Ω impedance drop)
Temperature Rating:	-40 $^{\circ}$ C to 140 $^{\circ}$ C ***
Flammability Rating:	UL VW-1 [†]
Breakdown Voltage:	1230 V [‡]

Insertion Loss	0.25 m	1 m
-3 dB	28.5 GHz	2.2 GHz
-7 dB	>40 GHz	11.2 GHz

* Test Conditions – 4 oz. weight, dia 7/8" mandrel, +/-90 bend X2

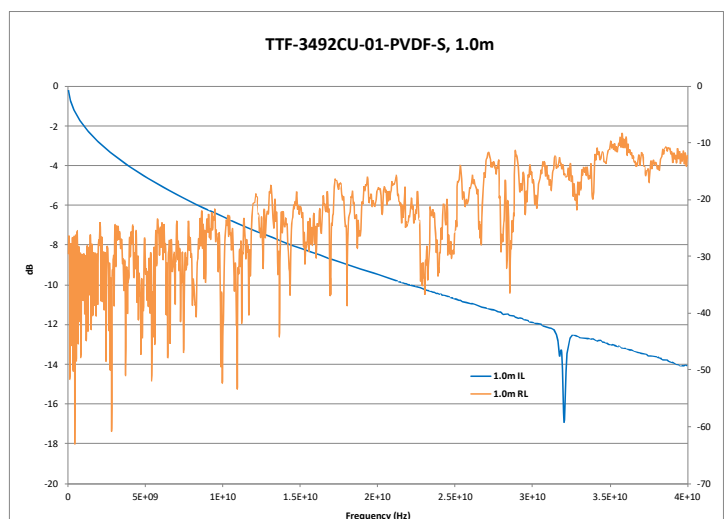
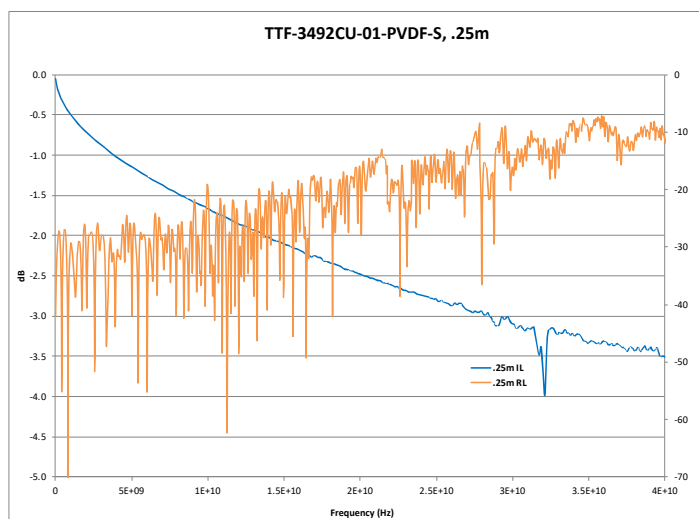
** Rating – 30 $^{\circ}$ C Temperature Rise, 20% de-rated. Testing performed on single.

*** Test Conditions – Heat Shock/Cold Soak per UL #1581, wire wrap 7/8" mandrel, visual inspection

[†]TX-3492CU-PVDF-S has undergone UL VW-1 Research Testing and complies with UL 758.

[‡]Typical. The DWV voltage is 75% of the min breakdown voltage. The working voltage is 25% of the breakdown voltage. Test condition – 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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