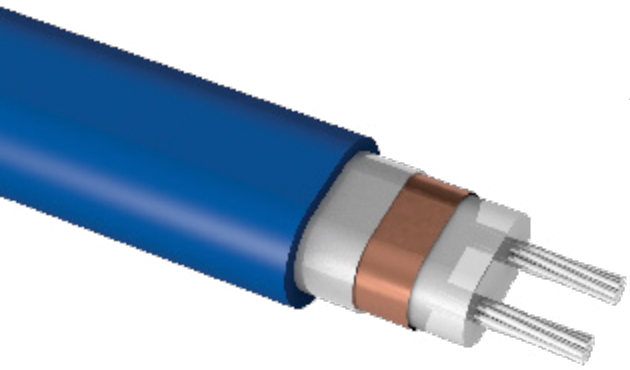
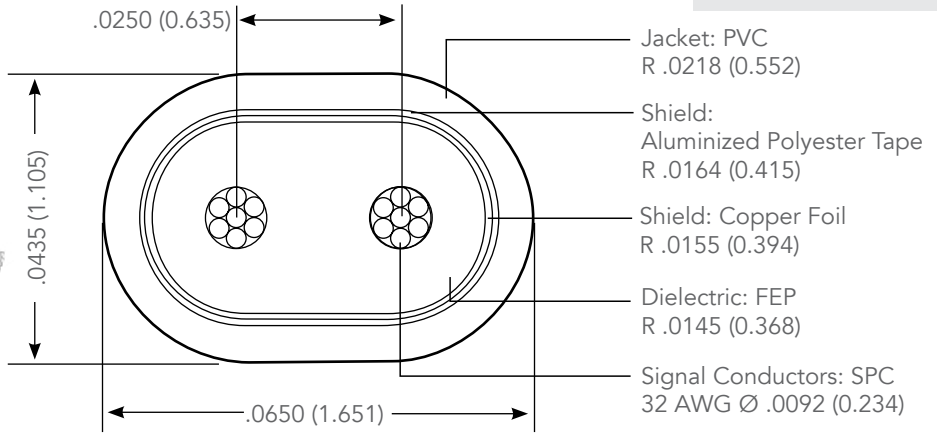
100 Ω, 32 AWG CU MICRO TWINAX CABLE

TTF-32100-XX-XX





PERFORMANCE DATA

Capacitance:	14 pF/ft (nominal)
Skew:	10 ps/m within pairs
Propagation Delay:	1.46 ns/foot
Flex Cycles:	8,000 cycles, 4-wide ribbon*
Current Rating:	Single conductor = 2.6 Amps**
	16 conductors = 1.0 Amps**
Shield DCR:	90 Ω/1000 ft
CC DCR:	164 Ω/1000 ft
Min. Bend Radius:	.125" (single bend only for <1 Ω impedance drop)
Temperature Rating:	-25 °C to 105 °C ***
Flammability Rating:	UL VW-1†
Breakdown Voltage:	1125 V‡

Insertion Loss	0.25 m	1 m
-3 dB	>20 GHz	4 GHz
-7 dB	>20 GHz	18 GHz

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

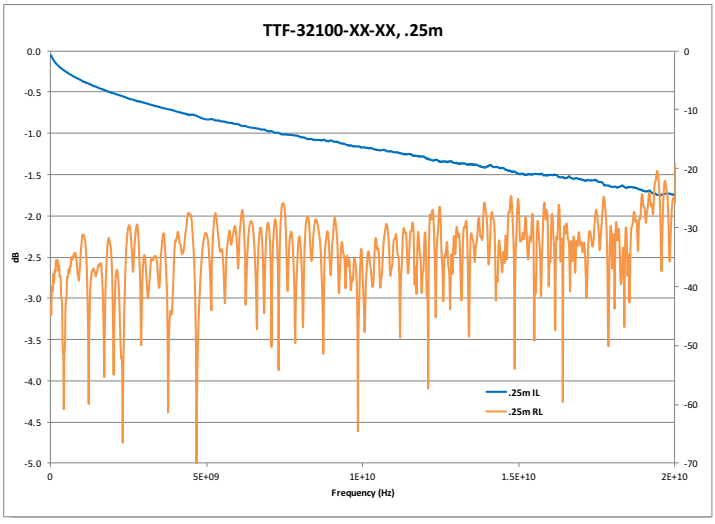
** Rating – 30 °C Temperature Rise, 20% de-rated. Testing performed on 8-position ribbon.

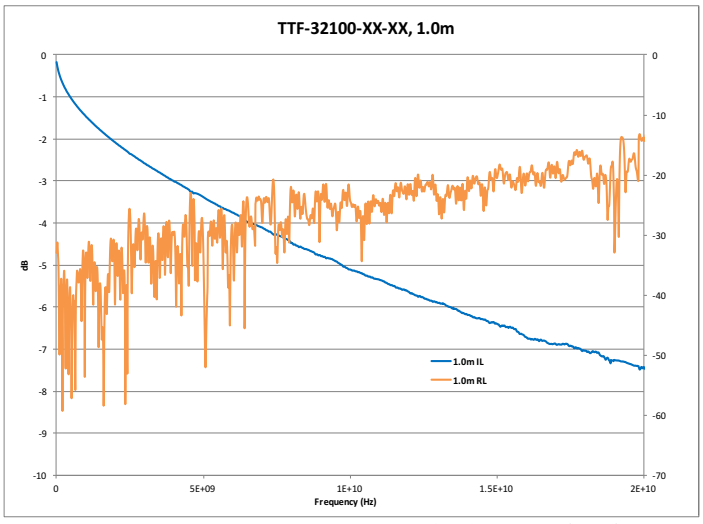
*** Test Conditions – Heat Shock/Cold Bend per UL1581, wire wrap 1/4" mandrel, visual inspection

†TX-32100-01 is UL recoginzed under UL File E321359 - Wire Style 21995

‡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 are typical. Results may vary.

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