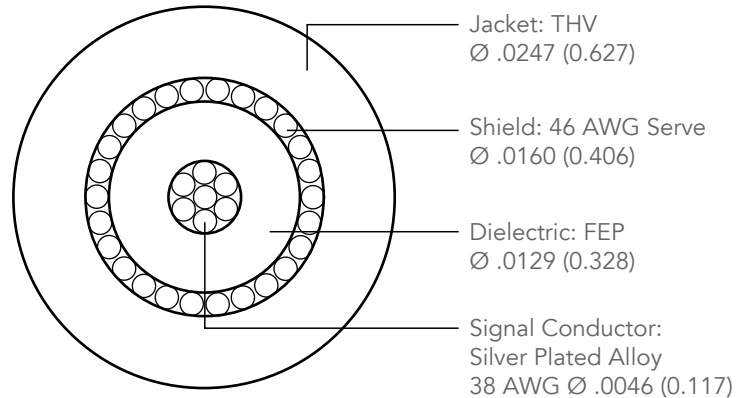
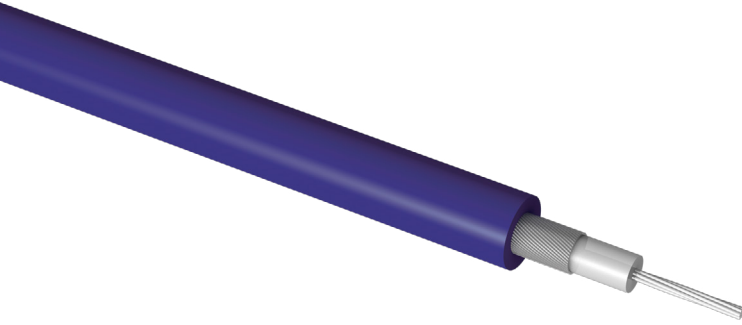


50 Ω, 38 AWG MICRO COAX CABLE HT

TCF-3850-XX-T01-TB



PERFORMANCE DATA

Capacitance:	31 pF/ft (nominal)
Propagation Delay:	1.46 ns/foot
Flex Cycles:	150,000 cycles, single*
Current Rating:	Single conductor = 0.9 Amps**
Shield DCR:	163 Ω/1000 ft
CC DCR:	817 Ω/1000 ft
Min. Bend Radius:	.125"
Availability:	Single, 4-30 tape bonded
Temperature Rating:	-40 °C to 140 °C ***
Flammability Rating:	UL VW-1†
DWV Working Voltage:	201 V‡

Insertion Loss	0.25 m	1 m
-3 dB	6.6 GHz	0.7 GHz
-7 dB	19.7 GHz	3.5 GHz

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

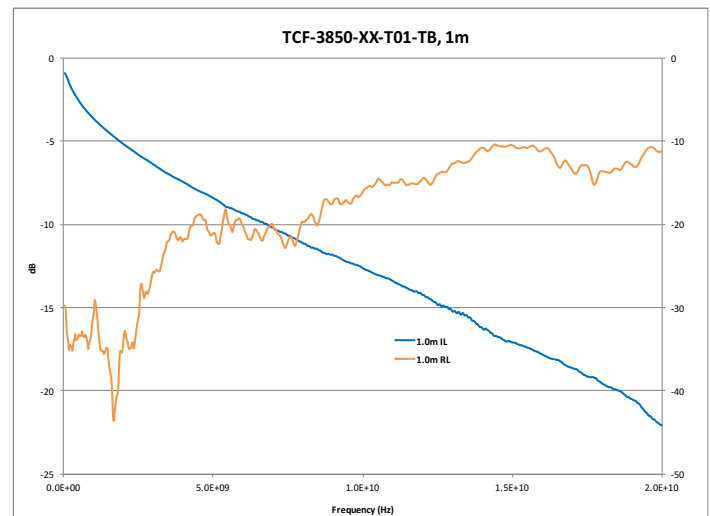
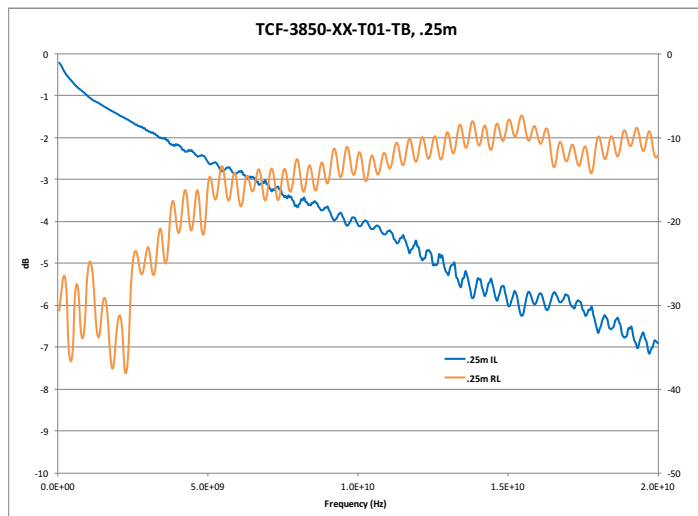
** Rating – 30 °C Temperature Rise, 20% de-rated.

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

†CX-3850-SLD-T01-L has undergone UL VW-1 Research Testing and complies with UL 758.

‡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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