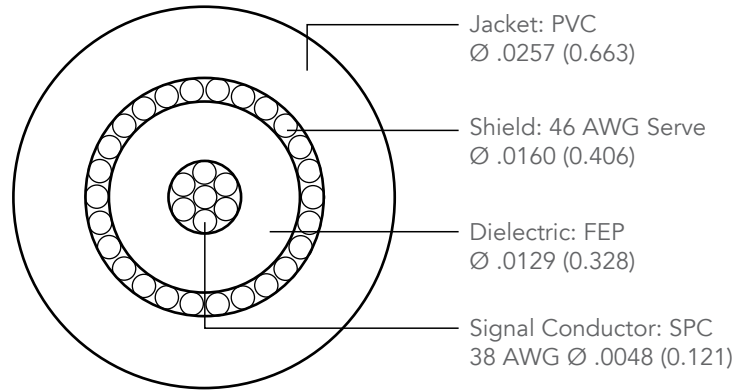


50 Ω, 38 AWG MICRO COAX CABLE

TCF-3850-XX-XX



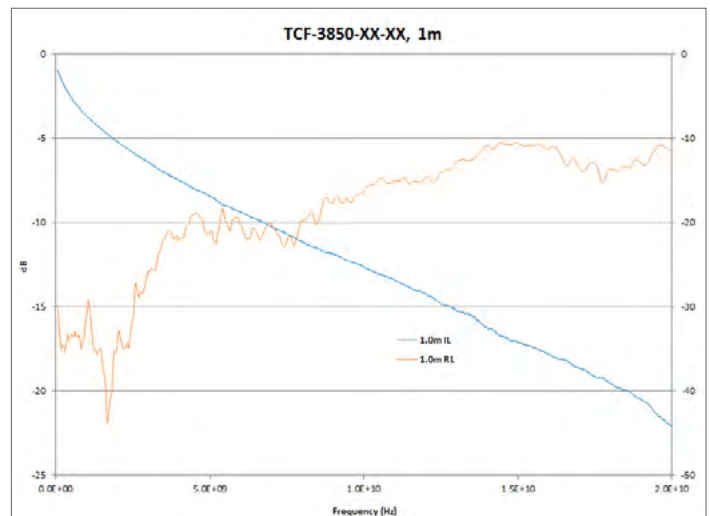
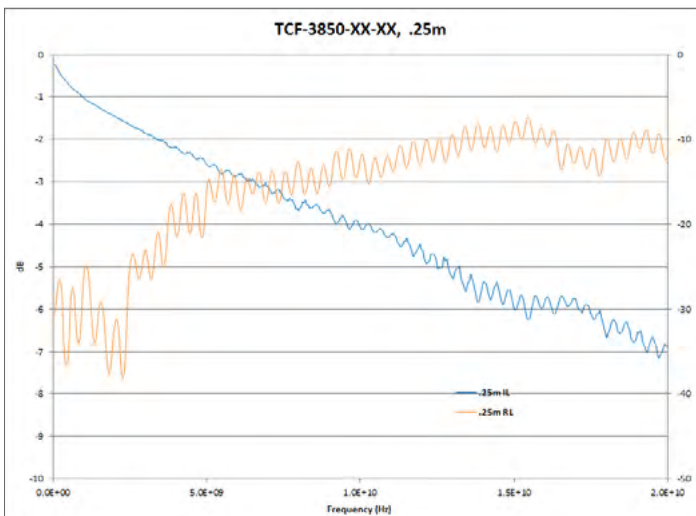
PERFORMANCE DATA

Capacitance:	30 pF/ft (nominal)
Propagation Delay:	1.46 ns/foot
Flex Cycles:	80,000 cycles, 20-wide ribbon*
Current Rating:	Single coax = 1.3 Amps** 5-wide ribbon = 0.6 Amps**
Shield DCR:	171 Ω/1000 ft
CC DCR:	817 Ω/1000 ft
Min. Bend Radius:	.125"
Availability:	Single, 2-35 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	6.6 GHz	0.7 GHz
-7 dB	19.7 GHz	3.5 GHz

* Test Conditions – 8 oz. weight, dia 1/4" mandrel, +/-90 bend X2
 ** Rating – 30 °C Temperature Rise, 20% de-rated. Testing performed on 20-position ribbon.
 *** Test Conditions – Heat Shock/Cold Bend per UL1581, 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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September 20, 2016 • Rev: H