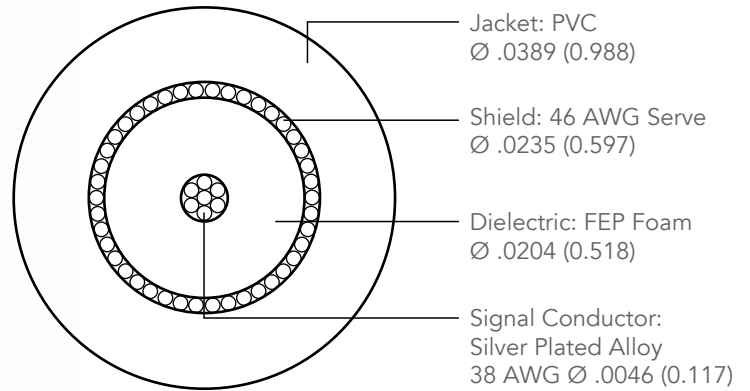


# 75 Ω, 38 AWG MICRO COAX CABLE

TCF-3875F-XX-XX



## PERFORMANCE DATA

Capacitance:	18 pF/ft (nominal)
Propagation Delay:	1.31 ns/foot
Flex Cycles:	350,000 cycles, 20-wide ribbon*
Current Rating:	Single conductor = 1.0 Amps** 20 conductors = 0.4 Amps**
Shield DCR:	105 Ω/1000 ft
CC DCR:	817 Ω/1000 ft
Min. Bend Radius:	.125"
Availability:	Single, 2-3 ribbon, tape bonded
Temperature Rating:	-25 °C to 105 °C, UL VW-1 Tested ***
DWV Working Voltage:	281 V†

Insertion Loss	0.25 m	1 m
-3 dB	13 GHz	2 GHz
-7 dB	>20 GHz	10 GHz

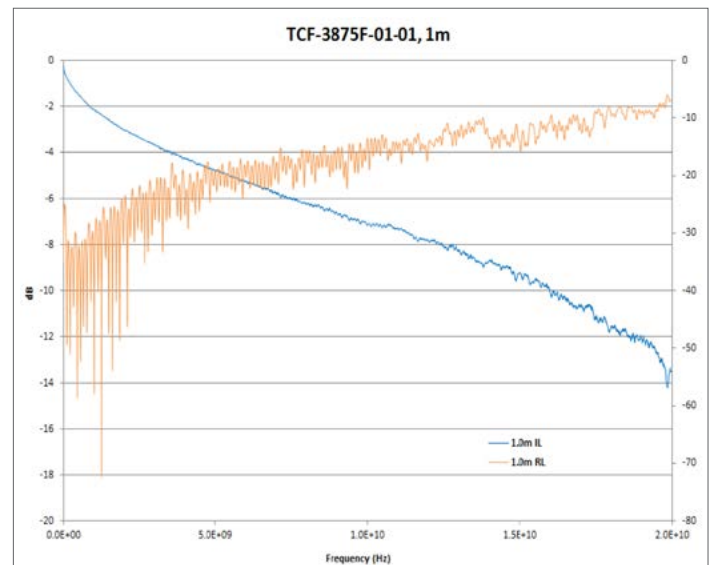
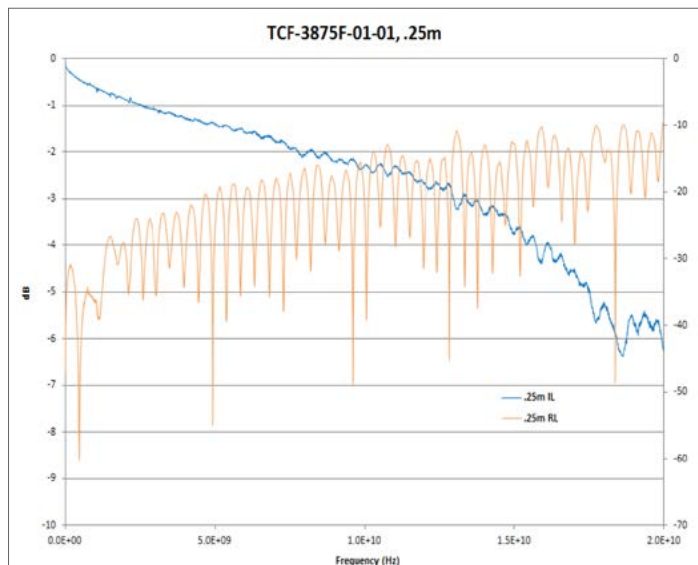
\* Test Conditions – 8 oz. weight, dia 1/4" mandrel, +/-90 bend X2

\*\* 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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April 2, 2018 • Rev: F