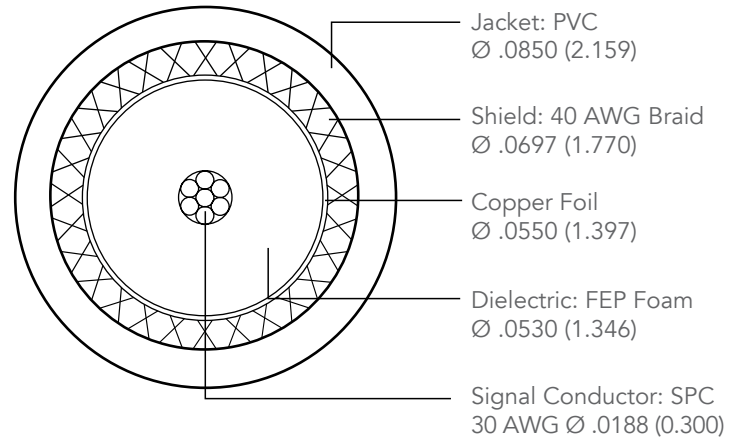


# 75 Ω, 30 AWG RF COAX CABLE

TCF-3075F-XX-XX



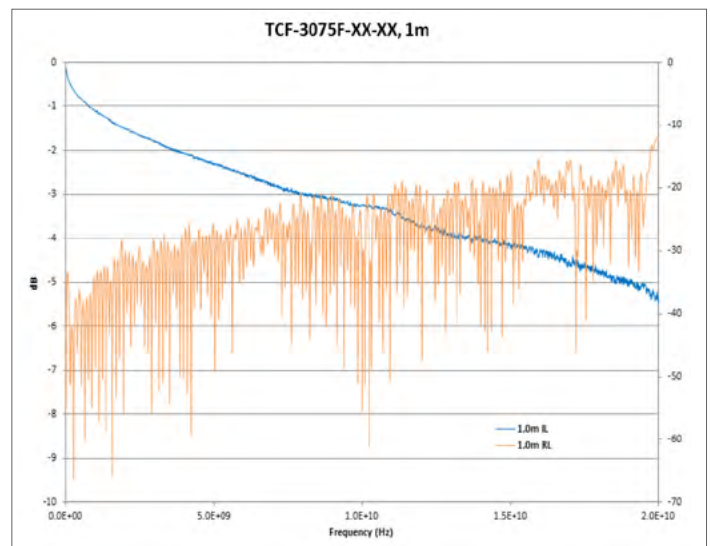
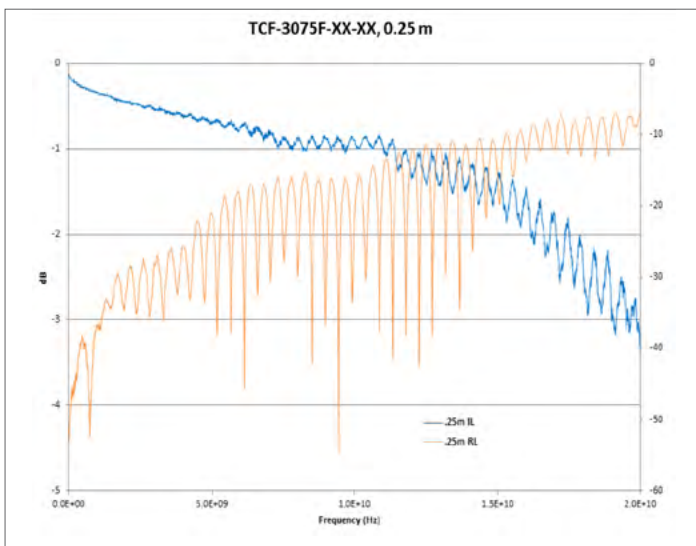
## PERFORMANCE DATA

Capacitance:	17 pF/ft (nominal)
Propagation Delay:	1.29 ns/foot
Flex Cycles:	25,000 cycles, single coax*
Current Rating:	Single coax = 2.8 Amps**
Shield DCR:	13 Ω/1000 ft
CC DCR:	101 Ω/1000 ft
Min. Bend Radius:	.250"
Availability:	Single
Temperature Rating:	-25 °C to 105 °C, UL VW-1 Tested ***
DWV Working Voltage:	606 V****

Insertion Loss	0.25 m	1 m
-3 dB	19 GHz	7.8 GHz
-7 dB	>20 GHz	>20 GHz

\* Test Conditions – 2 oz. weight, dia 7/8" 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  
 \*\*\*\* 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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