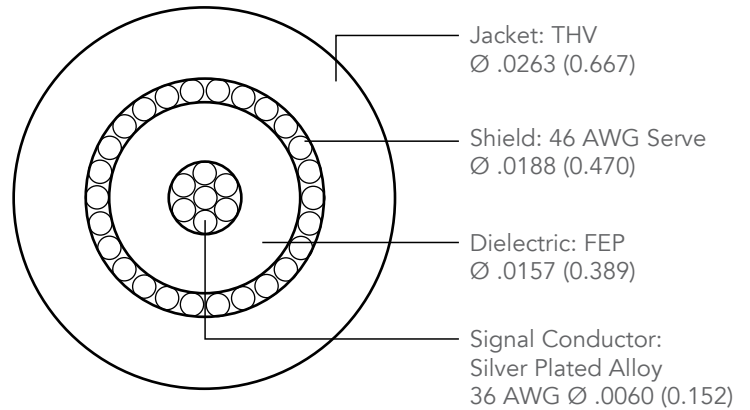
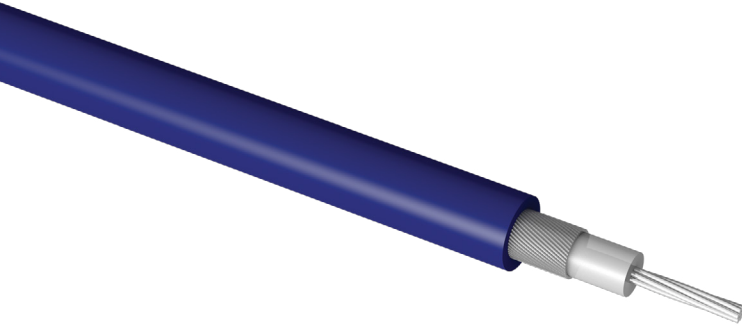


# 50 Ω, 36 AWG MICRO COAX CABLE HT

TCF-3650F-XX-TXX



## PERFORMANCE DATA

Capacitance:	27 pF/ft (nominal)
Propagation Delay:	1.33 ns/foot
Flex Cycles:	40,000 cycles, 20-wide ribbon*
Current Rating:	Single conductor = 1.5 Amps** 20 conductors = 0.5 Amps**
Shield DCR:	132 Ω/1000 ft
CC DCR:	451 Ω/1000 ft
Min. Bend Radius:	.125"
Availability:	Single, 2-31 ribbon, tape bonded
Temperature Rating:	-40 °C to 125 °C ***
Flammability Rating:	UL VW-1†
DWV Working Voltage:	219 V‡

Insertion Loss	0.25 m	1 m
-3 dB	8.5 GHz	1.1 GHz
-7 dB	>20 GHz	5.2 GHz

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

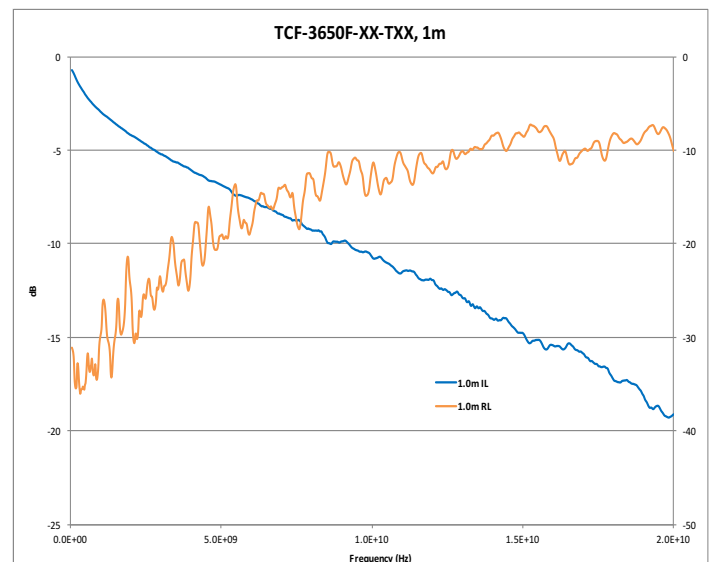
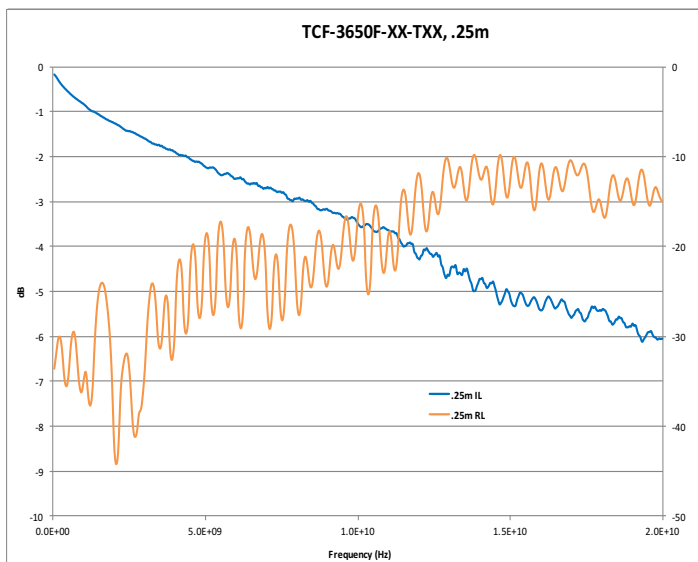
\*\* Rating – 30 °C Temperature Rise, 20% de-rated. Testing performed on 20-position ribbon.

\*\*\* Test Conditions – Heat Shock/Cold Bend per UL #1581-540 and #1581-580, wire wrap 1/4" mandrel, visual inspection

†BBCX-3650F-TXX-X has undergone UL VW-1 Research Testing and complies with UL 2556.

‡ Test Conditions – IR/DWV/Thermal Shock/Humidity per EIA-364-20, 21, 31 and 32

## INSERTION LOSS AND RETURN LOSS GRAPHS<sup>§</sup>



<sup>§</sup>IL and RL data are typical. Results may vary.



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