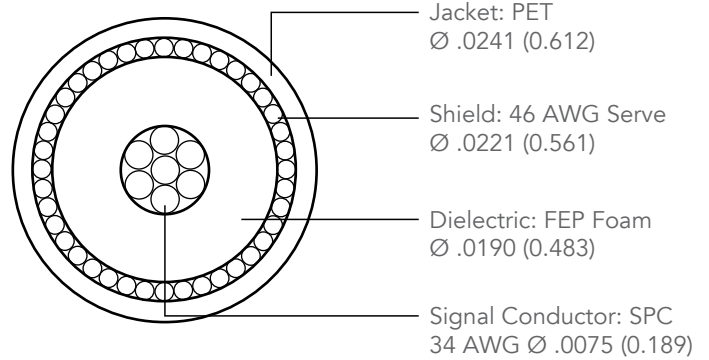


# 50 Ω, 34 AWG MICRO ThinSE™ COAX CABLE

TCF-3450F-01-PET-01



## PERFORMANCE DATA

Capacitance:	26.9 pF/ft (nominal)
Propagation Delay:	1.30 ns/foot
Flex Cycles:	Testing in progress
Current Rating:	Single conductor = 1.4 Amps*
Shield DCR:	111 Ω/1000 ft
CC DCR:	258 Ω/1000 ft
Min. Bend Radius:	.125" (single bend only for <1Ω impedance drop)
Temperature Rating:	-40 °C to 125 °C **
Flammability Rating:	UL VW-1***
DWV Working Voltage:	250 V†

Frequency	Insertion Loss (1 m)
1 GHz	-2.9 dB
3 GHz	-6.0 dB
5 GHz	-8.5 dB

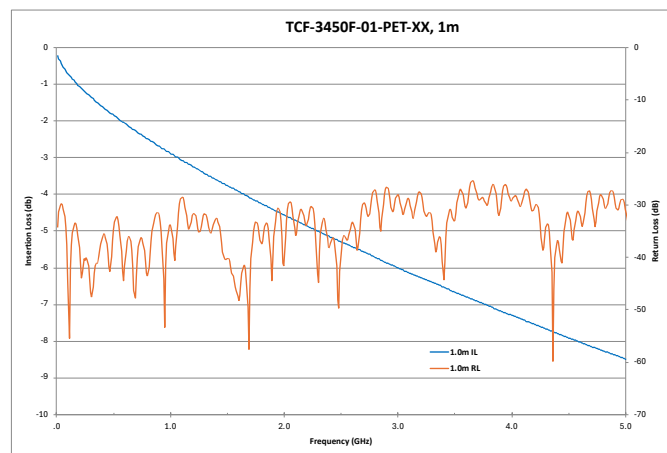
\*Rating – 30 °C Temperature Rise, 20% de-rated.

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

\*\*\*BBCX-3450F-PET 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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