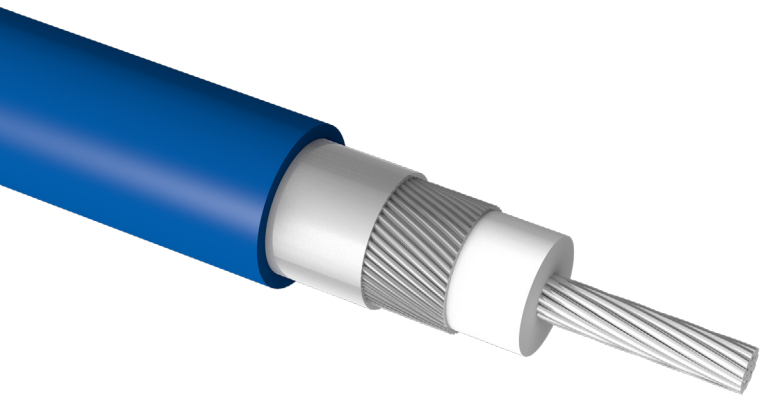
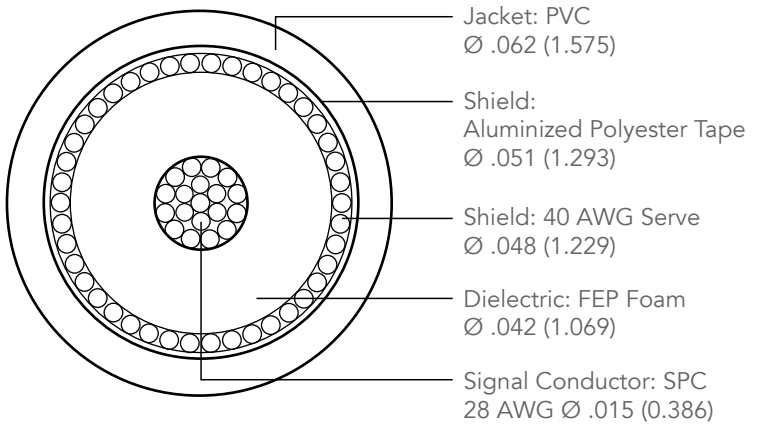
50 Ω, 28 AWG MICRO COAX CABLE

TCS-2850F-XX-XX





PERFORMANCE DATA

Capacitance:	26 pF/ft (nominal)
Propagation Delay:	1.29 ns/foot
Flex Cycles:	200,000 cycles, 8-wide ribbon*
Current Rating:	Single conductor = 4.2 Amps** 20 conductors = 2.0 Amps**
Shield DCR:	23 Ω/1000 ft
CC DCR:	62 Ω/1000 ft
Min. Bend Radius:	.125"
Availability:	Single, 2-20 ribbon, tape bonded
Temperature Rating:	-25 °C to 105 °C ***
Flammability Rating:	UL VW-1†
DWV Working Voltage:	375 V‡

Insertion Loss	0.25 m	1 m
-3 dB	>20 GHz	6.3 GHz
-7 dB	>20 GHz	17.3 GHz

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

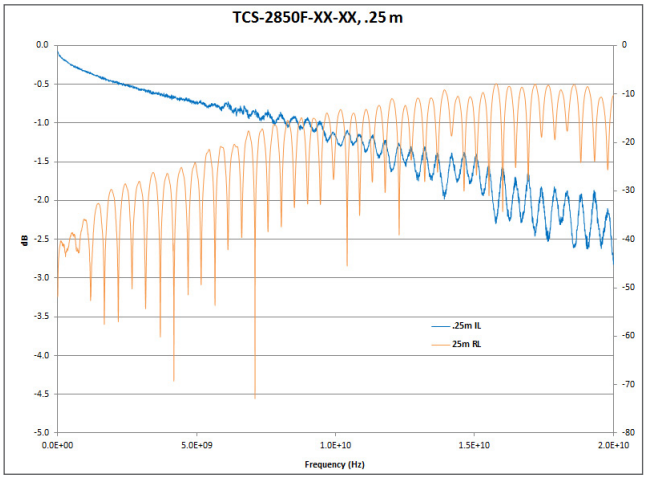
** Rating – 30 °C Temperature Rise, 20% de-rated. Testing performed on 20-position ribbon.

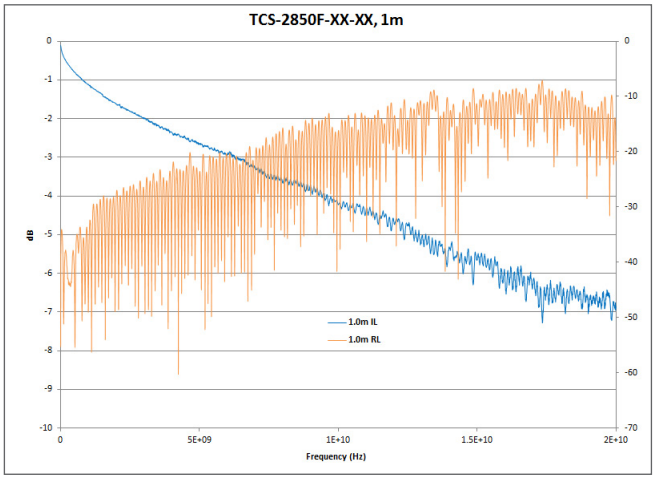
*** Test Conditions – Heat Shock/Cold Bend per UL #1581-540 and #1581-580, wire wrap 1/4" mandrel, visual inspection

†BBCS-2850F-01 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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