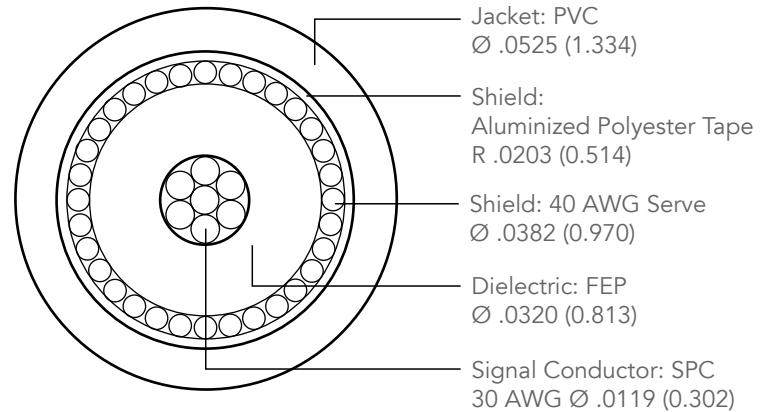
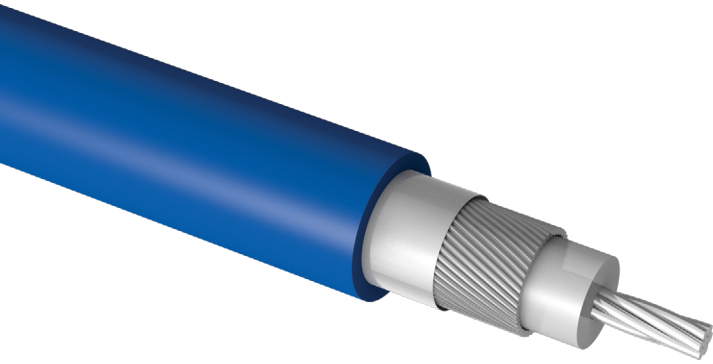


50 Ω , 30 AWG MICRO COAX CABLE

TCS-3050F-XX-XX



PERFORMANCE DATA

Capacitance:	26 pF/ft (nominal)
Propagation Delay:	1.28 ns/foot
Flex Cycles:	25,000 cycles, 8-wide ribbon*
Current Rating:	Single conductor = 3.3 Amps** 20 conductors = 1.3 Amps**
Shield DCR:	37 Ω /1000 ft
CC DCR:	101 Ω /1000 ft
Min. Bend Radius:	.3125"
Availability:	Single, 2-35 ribbon, tape bonded
Temperature Rating:	-25 $^{\circ}$ C to 105 $^{\circ}$ C ***
Flammability Rating:	UL VW-1†
DVV Working Voltage:	338 V‡

Insertion Loss	0.25 m	1 m
-3 dB	16.7 GHz	4 GHz
-7 dB	>20 GHz	16.5 GHz

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

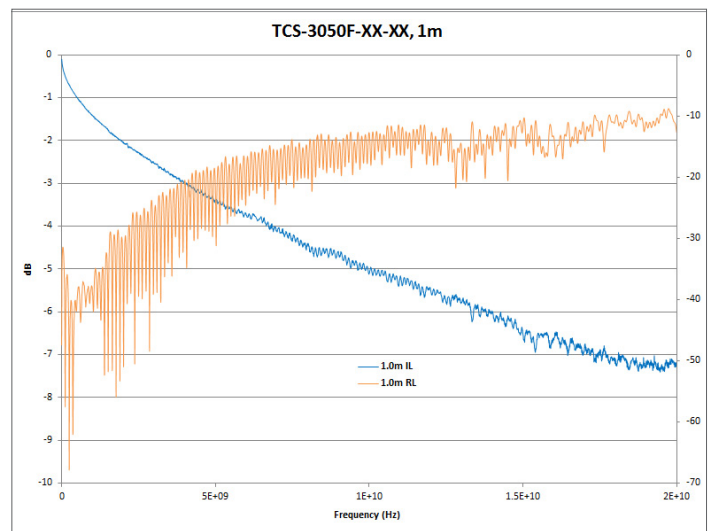
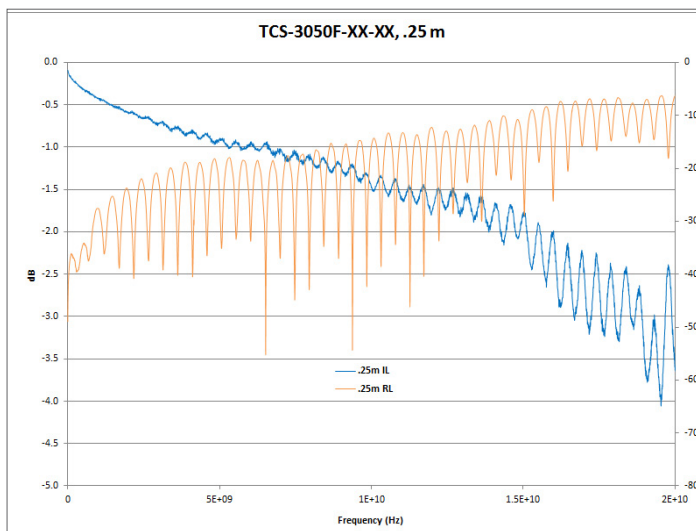
** Rating – 30 $^{\circ}$ C Temperature Rise, 20% de-rated.
Testing performed on 20-position ribbon.

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

†BBCS-3050F-01 has undergone UL VW-1 Research Testing and
complies with UL 758.

‡Test Conditions – IR/DVV/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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