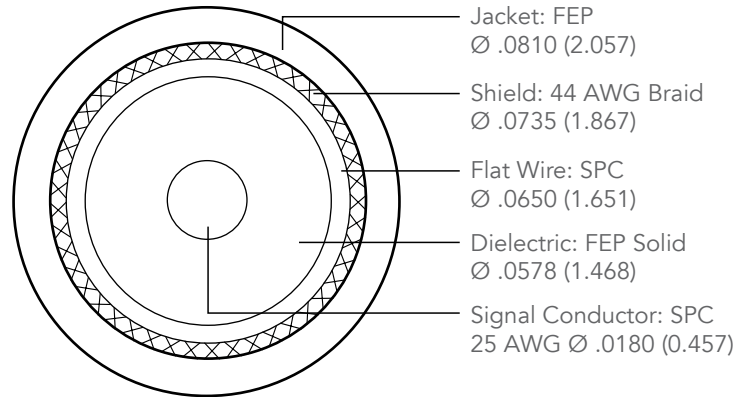
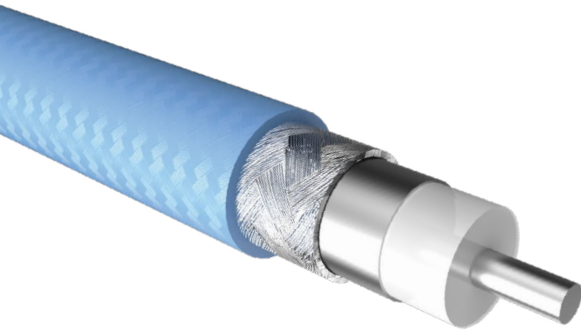


50 Ω, 25 AWG MICRO COAX CABLE

MWC-2550-01



PERFORMANCE DATA

Capacitance: 29.5 pF/ft (nominal)
 Propagation Delay: 1.44 ns/ft
 Flex Cycles: 750 cycles, single conductor*
 Current Rating: Single conductor = 5.3 Amps**

Shield DCR: 13.7 Ω/1000 ft
 CC DCR: 32 Ω/1000 ft
 Min. Bend Radius: .350"
 Availability: Single
 Temperature Rating: -40 °C to 200 °C, UL VW-1 Tested ***
 DWV Working Voltage: 406 V[†]

Insertion Loss	0.25 m	1 m
-3 dB	>20 GHz	13 GHz
-7 dB	>20 GHz	>20 GHz

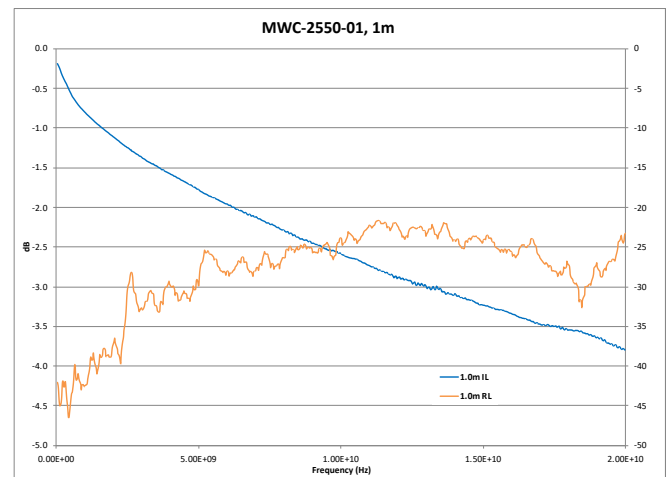
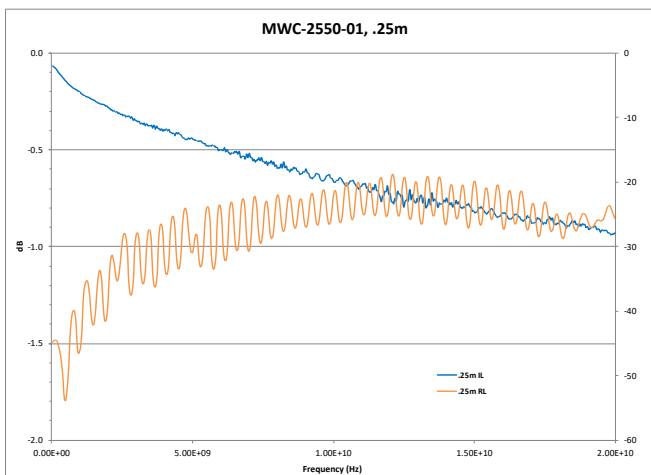
* Test Conditions – 8 oz. weight, dia 7/8" mandrel, +/-90 bend X2

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

*** Temperature Rating – Heat Shock/Cold Soak per UL #1581, 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 is typical. Results may vary. DUT terminated with SMA Connector and has not been de-embedded.



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