

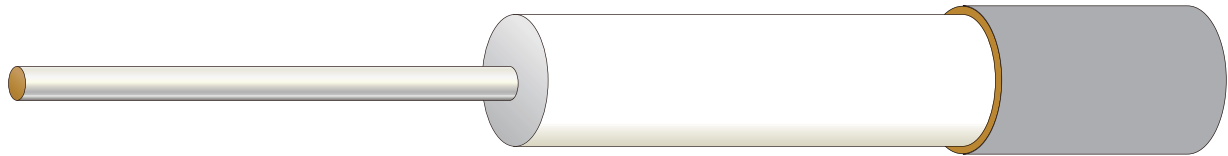
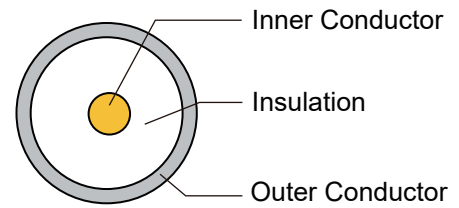


.047 Semi-rigid Coaxial Cable

Military (MIL-C-17) Cable M17/151-00002 50ohm

Product No. D04701E5ST

Structure Figure



Inner Conductor

Material
SPCW

Diameter
.0113 +/- .0005 in.

Insulation

Material
PTFE,F1

Diameter
.037 +/- .001 in.

Outer Conductor

Material
Copper/Tin

Diameter
.047 + .002 - .001 in.

Electrical Characteristics

Description	Specification
Impedance	50 ± 1.5 Ω
Dielectric Strength	2.0 KVRMS 60 Hz
Corona Extinction	Min. 1.0 KVRMS 60 Hz
Max Operating Frequency	109 GHz

Physical Characteristics

Description	Specification
Safe Bend Radius (proper tooling)	.050 in.
Max. Weight	4.5 Lbs./1000ft.
Operating Temperature	-55°C~150°C

Attenuation

Frequency	1.0 GHz	10.0 GHz	20.0 GHz
dB/100ft	34.0	114.0	166.0
Average Power (Watts)	56.0	17.0	11.0