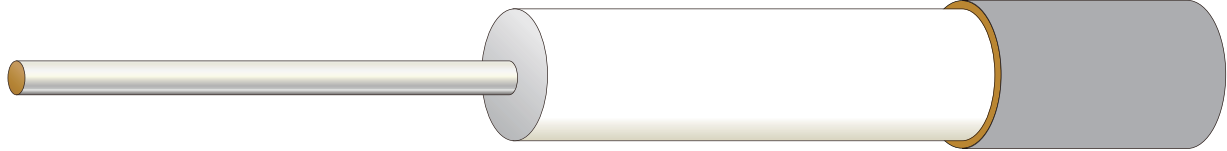
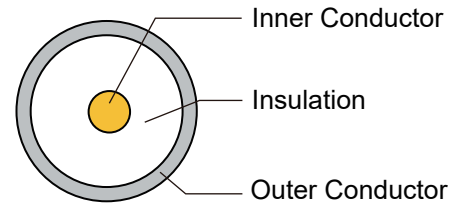


.085 Semi-rigid Coaxial Cable

Military (MIL-C-17) Cables M17/133-00007 50ohm

Product No. **D08501E5ST**

Structure Figure



Inner Conductor

Material
SPCW

Diameter
.0201 +/- .0005 inches

Insulation

Material
PTFE,F1

Diameter
.066 +/- .002 inches

Outer Conductor

Material
Copper/Tin

Diameter
.0865 + .002 - .001 inches

Electrical Characteristics

Description	Specification
Impedance	50 ± 1.0 Ω
Dielectric Strength	5.0 KVRMS 60 Hz
Corona Extinction	Min. 1.5 KVRMS 60 Hz
Max Operating Frequency	40 GHz

Physical Characteristics

Description	Specification
Safe Bend Radius (proper tooling)	.050 in.
Max. Weight	15.8 Lbs./1000ft.
Operating Temperature	-55°C~125°C

Attenuation

Frequency	1.0 GHz	10.0 GHz	20.0 GHz
dB/100ft	22.0	80.0	120.0
dB/100m	72.2	262.5	393.8
Average Power (Watts)	130.0	35.0	20.0