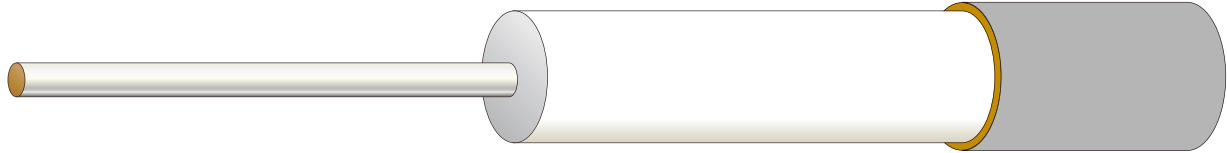
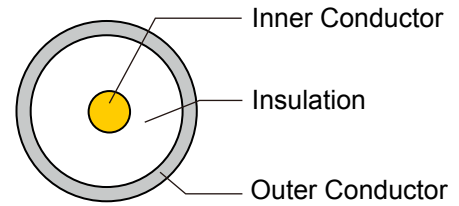


# .085 Semi-rigid Coaxial Cable

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
Average Power (Watts)	130.0	35.0	20.0