

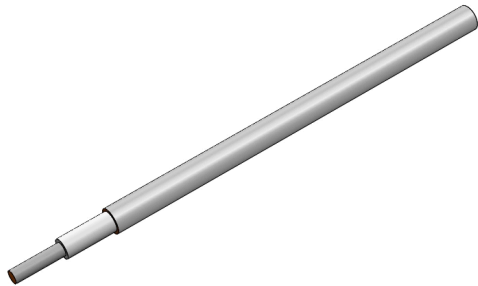
.062 Coaxial Cable – 18 Ω Semi-Rigid Tin-Plated Copper – Non-Magnetic, Special Impedance



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EZ-62-18-CU-TP

ø.062" Semi-Rigid Tin-Plated Copper Outer Conductor, SPC
Center Conductor, PTFE Dielectric, 18 Ω. Non-Magnetic,
Special Impedance.



Specifications

DIMENSIONS

Center Conductor Diameter	0.0320 in
Dielectric Diameter	0.0490 in
Outer Conductor Diameter	0.0620 in

MATERIALS

Center Conductor Material	SPC
Dielectric Material	PTFE
Outer Conductor Material	Copper
Outer Conductor Plating Material	Tin
RoHS Compliant	Yes

MECHANICAL CHARACTERISTICS

Minimum Temperature	-55 °C
Maximum Temperature	+125 °C
Inside Bend Radius (Minimum)	0.125 in
Weight	0.88 lbs per 100 ft

ELECTRICAL CHARACTERISTICS

Nominal Impedance	18.0 Ω
Nominal Impedance Margin	±3.0 Ω
Velocity of Propagation	69.50%
Shielding Effectiveness	>165 db
Voltage Withstanding	2000 VRMS @ 60 Hz
Continuous Working Voltage	800 VRMS max
Maximum Operating Frequency	65 GHz

Attenuation	
FREQUENCY	DB / 100 FT TYPICAL
0.5 GHz	32.3 db
1.0 GHz	44.7 db
5.0 GHz	99 db
10.0 GHz	144 db
18.0 GHz	199 db
26.5 GHz	240 db
40.0 GHz	302 db
50.0 GHz	400 db

Power	
FREQUENCY	WATTS CW @ 20 °C (MAX)
0.5 GHz	66.5 W
1.0 GHz	47.1 W
5.0 GHz	20.5 W
10.0 GHz	13.9 W
18.0 GHz	10.7 W
26.5 GHz	8.8 W
40.0 GHz	6.8 W
50.0 GHz	6 W