

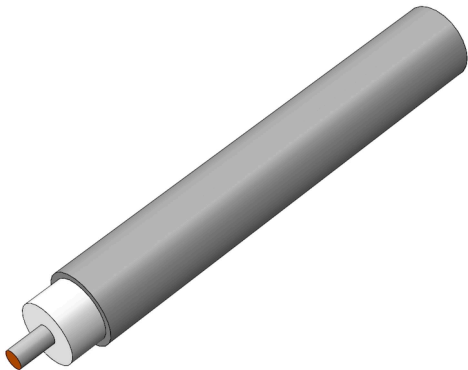
.25 Coaxial Cable – 50 Ω Semi-Rigid Tin-Plated Aluminum – Non-Magnetic

EZ-250-AL-TP

ø.25" Semi-Rigid Tin-Plated Aluminum Outer Conductor, SPC
Center Conductor, PTFE Dielectric, 50 Ω. Non-Magnetic.



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Specifications

DIMENSIONS

Center Conductor Diameter	0.0641 in
Dielectric Diameter	0.2090 in
Outer Conductor Diameter	0.2500 in

MATERIALS

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

MECHANICAL CHARACTERISTICS

Minimum Temperature	-55 °C
Maximum Temperature	+100 °C
Inside Bend Radius (Minimum)	0.750 in
Weight	6.40 lbs per 100 ft

ELECTRICAL CHARACTERISTICS

Nominal Impedance	50.0 Ω
Nominal Impedance Margin	±0.5 Ω
Velocity of Propagation	69.50%
Shielding Effectiveness	>165 db
Voltage Withstanding	7500 VRMS @ 60 Hz
Continuous Working Voltage	3000 VRMS max
Maximum Operating Frequency	19 GHz

Attenuation	
FREQUENCY	DB / 100 FT TYPICAL
0.5 GHz	4.5 db
1.0 GHz	6.8 db
5.0 GHz	18.5 db
10.0 GHz	29.7 db
18.0 GHz	45.3 db

Power	
FREQUENCY	WATTS CW @ 20 °C (MAX)
0.5 GHz	1900 W
1.0 GHz	1400 W
5.0 GHz	750 W
10.0 GHz	350 W
18.0 GHz	200 W