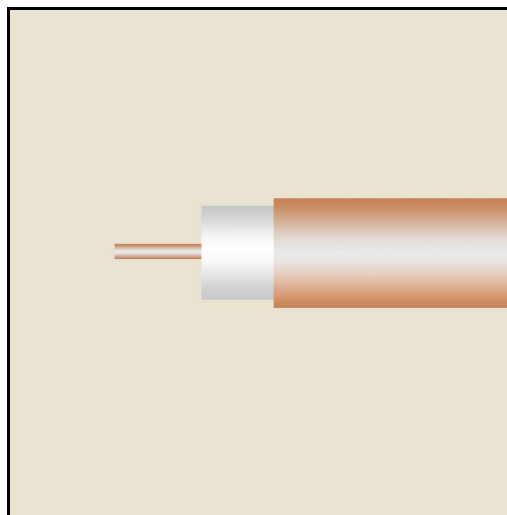


Product Features



Electrical Specification: T_{Ambient} = 25° C

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Impedance				10.00		

Mechanical And Environmental Specifications:

Parameter	Description	Notes
RoHS Compliance	No	

Drawing

DIMENSIONS	
Center Conductor Diameter (inch) (mm)	0.0425±0.0005 1.08± 0.0127
Dielectric Diameter (inch) (mm)	0.0547 ±0.001 1.39 ±0.0254
Outer Conductor Diameter (inch) (mm)	0.070±0.001 1.78 ±0.0254
MATERIAL SPECIFICATIONS	
Outer Conductor	Bare Copper
Dielectric	FEP
Center Conductor	SPC

Graph

ELECTRICAL CHARACTERISTICS			
Impedance	10±2		
Capacitance (Nominal)			
(pF/ft)	145		
(pF/m)	475		
Corona Extinction Voltage			
(VRMS 60Hz)	500		
Voltage Withstanding			
(VRMS 60Hz)	1000		
Cut off Frequency (GHz)	58		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	56	183.7	61
1GHz	79	259.1	43
5GHz	178	583.8	20
10GHz	253	829.8	13
20GHz	360	1180.9	10
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius			
(inch)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	5.8		
(g/M)	19		

Product Notes