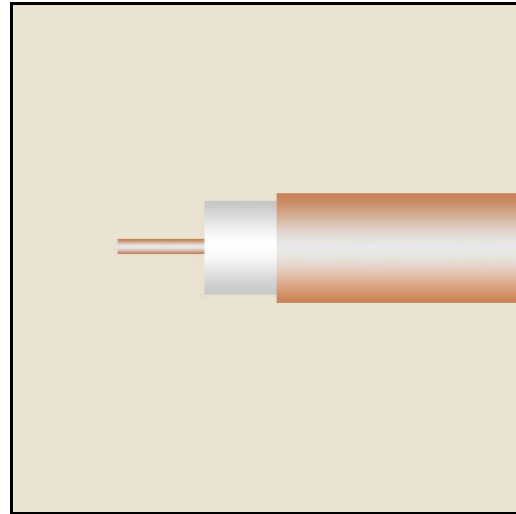


Product Features



Electrical Specification: T_{Ambient} = 25° C

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Impedance				17.00		

Mechanical And Environmental Specifications:

Parameter	Description	Notes
RoHS Compliance	No	

Drawing

DIMENSIONS	
Center Conductor Diameter (inch) (mm)	0.0159±0.0005 0.4± 0.0127
Dielectric Diameter (inch) (mm)	0.025 ±0.001 0.64 ±0.0254
Outer Conductor Diameter (inch) (mm)	0.034±0.001 0.86 ±0.0254
MATERIAL SPECIFICATIONS	
Outer Conductor	Bare Copper
Dielectric	PTFE
Center Conductor	SPC

Graph

ELECTRICAL CHARACTERISTICS			
Impedance	17±1		
Capacitance (Nominal)			
(pF/ft)	85.4		
(pF/m)	280.0		
Corona Extinction Voltage			
(VRMS 60Hz)	200		
Voltage Withstanding			
(VRMS 60Hz)	500		
Cut off Frequency (GHz)	128		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	61.9	203	27
1GHz	87.8	288	19
5GHz	198.7	651.7	8.4
10GHz	283.4	929.6	5.9
20GHz	405.7	1330.7	4.1
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius			
(inch)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	1.37		
(g/M)	4.5		

Product Notes