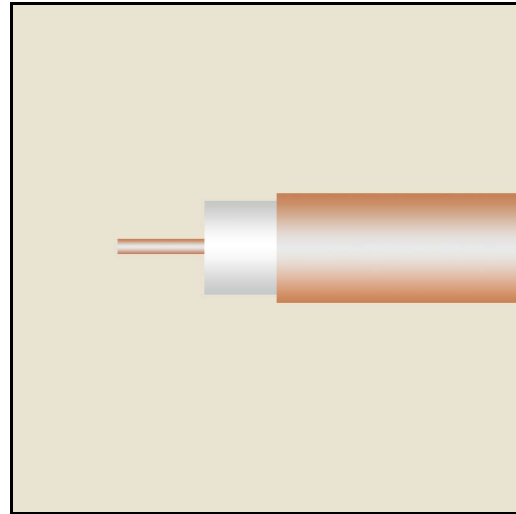


**Product Features**



**Electrical Specification: T<sub>Ambient</sub> = 25° C**

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Impedance				25.00		

**Mechanical And Environmental Specifications:**

Parameter	Description	Notes
RoHS Compliance	Yes	

**Drawing**

DIMENSIONS	
Center Conductor Diameter	
(inch)	0.032±0.001
(mm)	0.81± 0.0254
Dielectric Diameter	
(inch)	0.051 ±0.001
(mm)	1.40 ±0.0254
Outer Conductor Diameter	
(inch)	0.070+0.002/-0.001
(mm)	1.78 +0.0508/-0.0254
MATERIAL SPECIFICATIONS	
Outer Conductor	Bare Copper
Dielectric	FEP
Center Conductor	SPC

**Graph**

<b>ELECTRICAL CHARACTERISTICS</b>			
Impedance	25±1.5		
Capacitance (Nominal)			
(pF/ft)	58		
(pF/m)	190.4		
Corona Extinction Voltage			
(VRMS 60Hz)	1500		
Voltage Withstanding			
(VRMS 60Hz)	2500		
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	21.7	71.2	101
1GHz	30.9	101.4	71
5GHz	71.4	234.2	30.9
10GHz	103.4	339.2	21.4
20GHz	151.1	495.6	14.8
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius			
(inch)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	4.6		
(g/M)	15.1		

**Product Notes**