



- ◆ Specification ----- meet to MIL-C-17/151-00002
- ◆ Continuous working voltage ----- Max. 1000Vrms
- ◆ Operating temperature range ----- -40°C ~ 125°C

## Construction

Item	Material	Diameter	Remark
Center conductor	SPCW	0.287mm (0.011inch)	Solid
Dielectric	PTFE	0.94mm (0.037inch)	Solid
Braid	TC	1.19mm (0.047inch)	100% Coverage

TC : Tin Plated Copper Tube

## Electrical Data

Item	Specification	Remark
Operating frequency	Max. 20 GHz	
Dielectric resistance	Min. 1000 M $\Omega$ .km	at 20°C
Test voltage	2000Vrms	1 min
Velocity of propagation	Nom. 69.5 %	
Capacitance	Max. 32 pF/ft	
Characteristic impedance	50 $\pm$ 2 $\Omega$	
Approx. weight	5.7 kg/km	
Max. attenuation	28.0dB/100ft (0.92dB/m)	at 500MHz
	40.0dB/100ft (1.31dB/m)	at 1GHz
	70.0dB/100ft (2.30dB/m)	at 3GHz
	90.0dB/100ft (2.95dB/m)	at 5GHz
	130.0dB/100ft (4.27dB/m)	at 10GHz
	190.0dB/100ft (6.23dB/m)	at 20GHz