



- ◆ Specification ----- meet to MIL-C-17/129-00001
- ◆ Continuous working voltage ----- Max. 3000Vrms
- ◆ Operating temperature range ----- -40°C ~ 125°C

## Construction

Item	Material	Diameter	Remark
Center conductor	SPC	1.628mm (0.064inch)	Solid
Dielectric	PTFE	5.31mm (0.209inch)	Solid
Braid	TC	6.35mm (0.250inch)	100% Coverage

TC : Tin Plated Copper Tube

## Electrical Data

Item	Specification	Remark
Operating frequency	Max. 18 GHz	
Dielectric resistance	Min. 1000 M $\Omega$ .km	at 20°C
Test voltage	7500Vrms	1 min
Velocity of propagation	Nom. 69.5 %	
Capacitance	Max. 29.6 pF/ft	
Characteristic impedance	50 $\pm$ 2 $\Omega$	
Approx. weight	147.0 kg/km	
Max. attenuation	4.5dB/100ft (0.15dB/m)	at 400MHz
	7.5dB/100ft (0.25dB/m)	at 1GHz
	11.0dB/100ft (0.36dB/m)	at 3GHz
	33.0dB/100ft (1.08dB/m)	at 10GHz
	48.0dB/100ft (1.57dB/m)	at 18GHz