



- ◆ Specification ----- meet to MIL-C-17/130-00005
- ◆ Continuous working voltage ----- Max. 1900Vrms
- ◆ Operating temperature range ----- -40°C ~ 125°C

## Construction

Item	Material	Diameter	Remark
Center conductor	SPCW	0.92mm (0.036inch)	Solid
Dielectric	PTFE	2.98mm (0.117inch)	Solid
Braid	TC	3.58mm (0.141inch)	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	5000Vrms	1 min
Velocity of propagation	Nom. 69.5 %	
Capacitance	Max. 29.9 pF/ft	
Characteristic impedance	50 $\pm$ 2 $\Omega$	
Approx. weight	46.7 kg/km	
Max. attenuation	8.0dB/100ft (0.26dB/m)	at 500MHz
	12.0dB/100ft (0.39dB/m)	at 1GHz
	21.0dB/100ft (0.69dB/m)	at 3GHz
	29.0dB/100ft (0.95dB/m)	at 5GHz
	45.0dB/100ft (1.48dB/m)	at 10GHz
	70.0dB/100ft (2.30dB/m)	at 20GHz