



- ◆ Specification ----- meet to MIL-C-17/154-00002
- ◆ Continuous working voltage ----- Max. 750Vrms
- ◆ Operating temperature range ----- -40°C ~ 125°C

Construction

Item	Material	Diameter	Remark
Center conductor	SPCW	0.203mm (0.008inch)	Solid
Dielectric	PTFE	0.66mm (0.026inch)	Solid
Braid	TC	0.86mm (0.034inch)	100% Coverage

TC : Tin Plated Copper Tube

Electrical Data

Item	Specification	Remark
Operating frequency	Max. 20 GHz	
Dielectric resistance	Min. 1000 M Ω .km	at 20°C
Test voltage	2000Vrms	1 min
Velocity of propagation	Nom. 69.5 %	
Capacitance	Max. 32 pF/ft	
Characteristic impedance	50 \pm 3 Ω	
Approx. weight	3.1 kg/km	
Max. attenuation	42.0dB/100ft (1.38dB/m)	at 500MHz
	60.0dB/100ft (1.97dB/m)	at 1GHz
	100.0dB/100ft (3.28dB/m)	at 3GHz
	140.0dB/100ft (4.59dB/m)	at 5GHz
	190.0dB/100ft (6.23dB/m)	at 10GHz
	280.0dB/100ft (9.19dB/m)	at 20GHz