



- ◆ Specification ----- meet to MIL-C-17/113-RG316
- ◆ Continuous working voltage ----- Max. 900Vrms
- ◆ Operating temperature range ----- -55°C ~ 200°C

Construction

Item	Material	Diameter	Remark
Center conductor	SPCW	0.51mm (0.02inch)	Strand(7/0.17)
Dielectric	PTFE	1.52mm (0.06inch)	Solid
Braid	SPC	2.00mm (0.079inch)	95% Coverage
Jacket	FEP	2.50mm (0.098inch)	Light Brown

Electrical Data

Item	Specification	Remark
Operating frequency	Max. 3 GHz	
Dielectric resistance	Min. 1000 M Ω .km	at 20°C
Test voltage	2000 Vrms	1 min
Velocity of propagation	Nom. 69.5 %	
Capacitance	Max. 32 pF/ft	
Characteristic impedance	50 \pm 2 Ω	
Approx. weight	16.0 kg/km	
Nom. Attenuation	5.4dB/100ft (0.18dB/m)	at 50MHz
	7.7dB/100ft (0.25dB/m)	at 100MHz
	16.1dB/100ft (0.53dB/m)	at 400MHz
	18.1dB/100ft (0.59dB/m)	at 500MHz
	23.5dB/100ft (0.77dB/m)	at 800MHz
	25.0dB/100ft (0.82dB/m)	at 900MHz
	26.5dB/100ft (0.87dB/m)	at 1GHz