



- ◆ Specification ----- meet to MIL-C-17/128-RG400
- ◆ Continuous working voltage ----- Max. 1400Vrms
- ◆ Operating temperature range ----- -55°C ~ 200°C

Construction

Item	Material	Diameter	Remark
Center conductor	SPC	1.00mm (0.039inch)	Strand(19/0.203)
Dielectric	PTFE	2.95mm (0.116inch)	Solid
Inner Braid	SPC	3.60mm (0.142inch)	97% Coverage
Outer Braid	SPC	4.20mm (0.165inch)	94% Coverage
Jacket	FEP	4.95mm (0.195inch)	Light Brown

Electrical Data

Item	Specification	Remark
Operating frequency	Max. 12.4 GHz	
Dielectric resistance	Min. 1000 M Ω , km	at 20°C
Test voltage	3000Vrms	1 min
Velocity of propagation	Nom. 69.5 %	
Capacitance	Max. 32 pF/ft	
Characteristic impedance	50 \pm 2 Ω	
Approx. weight	64.0 kg/km	
Nom. Attenuation	2.8dB/100ft (0.09dB/m)	at 50MHz
	4.0dB/100ft (0.13dB/m)	at 100MHz
	9.8dB/100ft (0.32dB/m)	at 500MHz
	14.7dB/100ft (0.48dB/m)	at 1GHz
	29.0dB/100ft (0.95dB/m)	at 3GHz
	40.6dB/100ft (1.33dB/m)	at 5GHz