

RG-179D



- ◆ Specification ----- meet to MIL-C-17/94-RG179
- ◆ Continuous working voltage ----- Max. 900Vrms
- ◆ Operating temperature range ----- -55℃ ~ 200℃

Construction

Item	Material	Diameter	Remark
Center conductor	SPCW	0.31mm (0.012inch)	Strand(7/0.102)
Dielectric	PTFE	1.60mm (0.063inch)	Solid
Inner Braid	SPC	2.00mm (0.079inch)	94% Coverage
Outer Braid	SPC	2.50mm (0.098inch)	95% Coverage
Jacket	FEP	3.00mm (0.12inch)	Light Brown

Electrical Data

Item	Specification	Remark
Operating frequency	Max. 3 GHz	
Dielectric resistance	Min. 1000 MΩ.km	at 20℃
Test voltage	2000 Vrms	1 min
Velocity of propagation	Nom. 69.5 %	
Capacitance	Max. 23 pF/ft	
Characteristic impedance	75 ± 3 Ω	
Approx. weight	22.8 kg/km	
Nom. Attenuation	5.7dB/100ft (0.19dB/m)	at 50MHz
	8.2dB/100ft (0.27dB/m)	at 100MHz
	19.1dB/100ft (0.63dB/m)	at 500MHz
	21.1dB/100ft (0.69dB/m)	at 600MHz
	24.7dB/100ft (0.81dB/m)	at 800MHz
	27.9dB/100ft (0.92dB/m)	at 1GHz