



SR-141

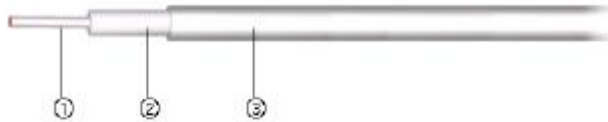
Semi-Rigid Coaxial Cable

For information only

● **General Information**

- Technical Basis MIL-C-17/130
- Max. Operating Voltage Max. 1900Vrms
- Operating Temperature Range - 40°C ~ 125°C

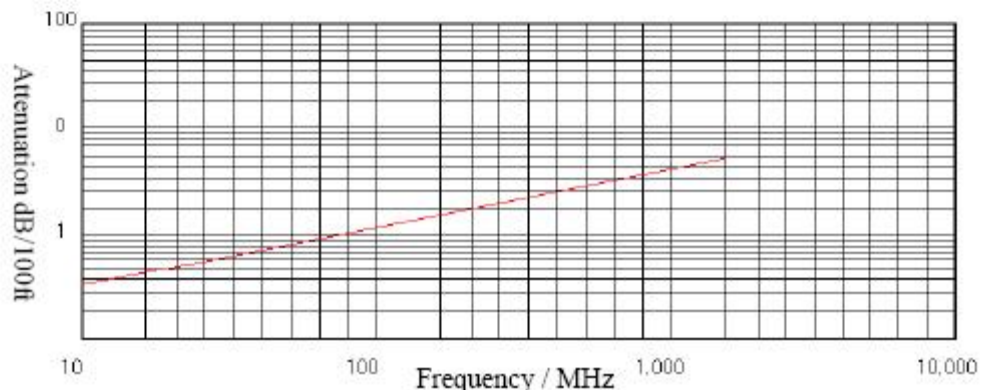
● **Physical Structure**



Component	Material	Diameter	Notice
① Center conductor	SPCW	0.92mm(0.036inch)	Solid type
② Dielectric	PTFE(Solid)	2.98mm(0.117inch)	
③ Outer Shield	TC(Tube)	3.58mm(0.141inch)	100% Coverage

● **Electrical Data**

Item	Specification	Remarks
Operating frequency	Max. 20 GHz	
Conductor resistance	Max. 2.06 Ω / 100ft	at 20°C
Dielectric resistance	Min. 1000 MΩ.km	at 20°C
Test voltage	5000Vrms	1 min
Velocity of propagation	Nom. 69.5%	
Capacitance	Max. 29.9 pF/ft	
Characteristic impedance	50 ± 2Ω	
Approx. weight	46.7 kg/km	
Nom. Attenuation	8.0dB/100ft(0.26dB/m) 12.0dB/100ft(0.39dB/m) 21.0dB/100ft(0.69dB/m) 29.0dB/100ft(0.95dB/m) 45.0dB/100ft(1.48dB/m) 70.0dB/100ft(2.30dB/m)	at 500MHz at 1MHz at 3GHz at 5GHz at 10GHz at 20GHz




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