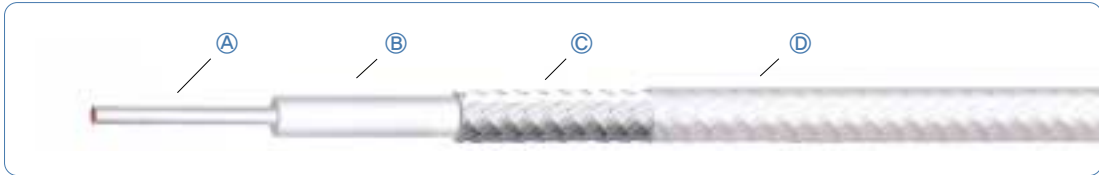


## Semi - Flexible Coaxial Cable

### Cable Type : SF-085P(Semi- Flexible Type)

- Specification ----- MIL-C-17/133
- Continuous working voltage ----- Max. 1500Vrms
- Operating temperature range ----- -40°C ~ 125°C

#### Construction



Item	Material	Diameter	Remark
Ⓐ Center conductor	SPCW	0.511mm(0.02inch)	Solid type
Ⓑ Dielectric	PTFE(Solid)	1.68mm(0.066inch)	
Ⓒ Outer shield	TC(Braid)	2.20mm(0.087inch)	100% Coverage
Ⓓ Jacket	FEP(Clear)	3.20mm(0.1061inch)	

※ TC=Tin Plated Copper

#### Electrical Data

Item	Specification	Remark
Operating frequency	Max. 20 GHz	
Conductor resistance	Max. 2.57 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. 32 pF/ft	
Characteristic impedance	50 ± 2 Ω	
Approx. weight	22.0 kg/km	
Max. attenuation	15.0dB/100ft(0.49dB/m) 22.0dB/100ft(0.72dB/m) 50.0dB/100ft(1.64dB/m) 80.0dB/100ft(2.62dB/m) 130.0dB/100ft(4.27dB/m)	at 500MHz at 1GHz at 5GHz at 10GHz at 20GHz

