

SF-085/75



Description	Specification
Unjacketed Semi Flexible (Hand Formable) 085 Size 75 Ohm	

CONSTRUCTION

NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	SPCW	0.29 ± 0.02mm	
2	DIELECTRIC	PTFE	1.68 ± 0.03mm	SOLID
3	OUTER SHIELD	TC	2.2 ± 0.05mm	Braid/100% COVERAGE
4	Jacket(Optional)	PVC or FEP	3.10 ± 0.05mm or 2.78 ± 0.05mm	Black/Blue/Clear/Red

비고

SPCW	PTFE	TC	PVC	FEP
Silver Plated Copper clad steel Wire	Polytetrauroethylene	Tinned Copper	Polyvinyl Chloride	Fluorinated Ethylene Propylene

ELECTRICAL DATA

ITEM	SPECIFICATION
Operating frequency	Max. 20 GHz
Conductor resistance	Max. 205 Ω / Mft (20°C)
Dielectric resistance	Min. 1000MΩ .km (20°C)
Test voltage	6600Vrms (1min)
Velocity of propagation	Nom. 70%
Capacitance	Max. 63.5 pF/m
Characteristic impedance	75 ± 2Ω
Operating Temp	-40°C ~ 185°C
Bending Radius	4.4 mm
Approx. weight	17.9 kg/km
Maximum Attenuation	100 MHz 0.20 dB/M 160 Watts
	400 MHz 0.42 dB/M 129 Watts
	1 GHz 0.72 dB/M 125 Watts