

SF-085/50/jacket



Description Unjacketed Semi Flexible (Hand Formable) 085 Size 50 Ohm	Specication RG405 (Mil-C-17/133) Type
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CONSTRUCTION					
NO	ITEM	MATERIAL	DIAMETER	REMARK	
1	CENTER CONDUCTOR	SPCW	0.53 ± 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. 2.57 Ω / 100ft (20℃)	
Dielectric resistance		Min. 1000MΩ .km (20℃)	
Test voltage		5000Vrms (1min)	
Velocity of propagation		Nom. 70%	
Capacitance		95.2 pF/m	
Characteristic impedance		50 ± 1.5Ω	
Operating Temp		-40℃~125℃	
Bending Radius		4.4 mm	
Approx. weight		16.0 kg/km	
Shielding Effect		100dB (max.)	
Maximum Attenuation		1 GHz	0.72 dB/m 25.2 Watts
		5 GHz	1.64 dB/m 10.8 Watts
		10 GHz	2.62 dB/m 7.4 Watts
		20 GHz	4.27 dB/m - Watts