

SF-047



Description
Unjacketed Semi Flexible
(Hand Formable) 047 Size

Specification
Mil-C-17/151 Type

CONSTRUCTION

NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	SPCW	0.29 ± 0.02mm	
2	DIELECTRIC	PTFE	0.92 ± 0.03mm	SOLID
3	OUTER SHIELD	TC	1.19 ± 0.03mm	Braid/100% COVERAGE

비고

SPCW	PTFE	TC
Silver Plated Copper clad steel Wire	Polytetrauroethylene	Tinned Copper

ELECTRICAL DATA

ITEM	SPECIFICATION
Operating frequency	Max. 18GHz
Conductor resistance	Max. 20.9 Ω / 100ft (20°C)
Dielectric resistance	Min. 1000MΩ .km (20°C)
Test voltage	2700Vrms (1min)
Velocity of propagation	Nom. 70%
Capacitance	95.2 pF/m
Characteristic impedance	50 ± 1.5Ω
Operating Temp	-40°C ~ 185°C
Bending Radius	3.2 mm
Approx. weight	5.7 kg/km
Maximum Attenuation	1 GHz 1.09 dB/m 47.0 Watts
	5 GHz 2.60 dB/m 21.9 Watts
	10 GHz 3.75 dB/m 15.3 Watts
	20 GHz 5.51 dB/m 10.5 Watts