

SF-250



Description
Unjacketed Semi Flexible
(Hand Formable) 250 Size

Specification
RG401 (Mil-C-17/129) Type

CONSTRUCTION

NO	ITEM	MATERIAL	DIAMETER	REMARK	
1	CENTER CONDUCTOR	SPC	1.65 ± 0.02mm		
2	DIELECTRIC	PTFE	5.35 ± 0.05mm	SOLID	
3	OUTER SHIELD	TC	6.30 ± 0.05mm	Braid/100% COVERAGE	
4	OUTER SHIELD	PVC or FEP	7.10 ± 0.1mm 6.80 ± 0.1mm	Black/Blue/Clear/Red	
	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. 18 GHz
Conductor resistance	Max. 0.257 Ω / 100ft (20°C)
Dielectric resistance	Min. 1000MΩ .km (20°C)
Test voltage	7.5 kvrms (1min)
Velocity of propagation	Nom. 70%
Capacitance	Max. 95.2 pF/m
Characteristic impedance	50 ± 1Ω
Operating Temp	-40°C ~ 185°C
Bending Radius	13 mm
Approx. weight	114.0 kg/km
Maximum Attenuation	1 GHz 0.241 dB/m 920 Watts
	4 GHz 0.544 dB/m 460 Watts
	10 GHz 0.974 dB/m 291 Watts
	18 GHz 1.449 dB/m 217 Watts