SRFS TELEINFRA

- The high Performance of attenuation allows co-axial cable to be used in different RF systems , such as 3G, 4G Mobile Communication.
- Wide range of applications, such as indoor distribution, broadcast, various base stations wireless cellular, and others .
- Lower VSWR, perfect shielding effectiveness, and extraordinar inter-modulation performance lead to fewer energy loss and outer interference

1-1/4" Feeder Cable Part No. RF50 1-1/4"

CONSTRUCTION		
Item	Material	Diameter
Inner Conductor	Copper Tube	13.0 mm
Dielectric	Cellular Polyethylene	32.2 mm
Outer Conductor	Corrugated Copper tube	35.8 mm
Jacket	Black, halogen-free Fire-retardant thermoplastic	39.0 mm
ELECTRICAL SPECIFICATION		
Cut Off Frequency	25 GHz	
Max. Operating Frequency	3.3 GHz	
Nominal Capacitance	76.0 p F/m	
Propagation Velocity	88 %	
Peak RF Voltage Rating	4.6 kV	
Peak power Rating	205 kW	
Insulation Resistance	>5000 MQ.km	
DC Resistance : Inner Conductor	0.64 Ω/km	
DC Resistance : Outer Conductor	0.55 Ω/km	
Mechanical & Environmental Specification		
pulling strength	3600 N	
crush resistance	2.2 kg/mm	
Min. Bending Radius (single)	200 mm	
Min. Bending Radius (repeated)	380 mm	
Storage Temperature	-70±85°C	
Installation Temperature	-40±60°C	
Operating Temperature	-55±85°C	
RoHS	Compliant	

Frequency (MHz)	Attenuation & Average Power dB/100 m	kw
10	38.6	0.253
100	11.7	0.832
450	5.22	1.87
690	4.35	2.38
800	3.78	2.59
900	3.53	2.77
1000	3.32	2.94
1800	2.35	4.16
2000	2.21	4.43
2200	2.09	4.69
2400	1.99	4.95
2500	1.95	5.07
2600	1.91	5.20

VSWR	
820 ~ 960 MHz	≤ 1.15
1700-2200MHz	≤ 1.15
2300-2400MHz	≤1.15

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