



1. Inner conductor
2. Dielectric
3. Outer conductor
4. Jacket

Electrical Specification		
Operating Frequency	8.8GHz	
Dielectric Strength	DC 4,000V For 1 Min	
Min. Insulation Resistance	10,000 MΩ.km	
Velocity of Propagation	88 Peak	
Power Rating	40 kW	
Characteristic Impedance	50±1Ω	
VSWR (800~ 100 0MHz 1700~ 190 0MHz 1900~2500MHz 2500~3000MHz, 3000~3900MHz)	1.20 , 1.20, 1.20 , 1.20, 1.22	
Mechanical Specifications		
Weight(±5%)	Standard Jacket FR Jacket	Nom. 0.1 5 kg/m Nom. 0.1 7 kg/m
Minimum Bending Radius (Single / Multiple)	125/ 159 mm	
Flat Plate Crush Resistance	1.2 kg/mm	
Operating Temperature	Standard Jacket FR Jacket	-40°C~+80°C -30°C~+80°C
Max. Pulling Force	113 kg	
Impedance	50 Ohm	
Material & Finish		
Inner Conductor	Copper clad aluminum	Nom. 4.8 ± 0.1 mm
Dielectric	Foamed Polyethylene	Nom. 12.2± 0.2 mm
Outer Conductor	Corrugated Aluminum tube	Nom. 13.7± 0.20 mm
Jacket	Standard black PE or Frame Retardant/ Halogen-Free black PE	Nom. 15.8± 0.30 mm

SRFS TELEINFRA

Foam Dielectric Flexible RF Feeder Cable



Frequency MHz	Nominal Attenuation dB/100m (dB/ 100ft)@20°C	Average Power Rating(kW)
30	1.30(0.40)	5.91
100	2.39(0.73)	3.21
150	2.95(0.90)	2.61
450	5.19(1.58)	1.49
700	6.49(1.98)	1.22
824	7.13(2.17)	1.09
894	7.43(2.27)	1.04
960	7.73(2.36)	1.00
1000	7.90(2.41)	0.98
1700	10.48(3.20)	0.74
1800	10.81(3.29)	0.72
2000	11.44(3.49)	0.68
2300	12.34(3.76)	0.64
2400	12.64(3.85)	0.62
3000	14.31(4.36)	0.55