

SRFS TELEINFRA



Flexible RF Cables & Assemblies(SRFSR1000)

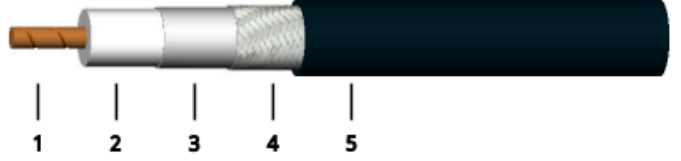
Features:

- *Low Insertion Loss
- *High Weatherability
- * UV Resistant

Applications:

- * Wireless Communication
- * Microwave Interconnect

Construction



Frequency (GHz)	0.03	0.05	0.15	0.22	0.45	0.9	1.5	1.8	2	2.5	5.8
Attenuation*1(dB/100m)	2.2	2.9	5.1	6.2	8.9	12.8	16.9	18.6	19.7	22.3	35.6
Average Power*2 (W)	3330	2570	1470	1200	830	580	440	400	370	330	210

Electrical & Mechanical Specifications	
Frequency:	DC~5.8GHz
Cut-off Frequency:	16.2GHz
Impedance:	50Ω
Velocity of Propagation:	84%
Shielding Effectiveness:	90dB min. Voltage
Withstand:	2500V DC
Bend Radius (installation):	25.0mm
Bend Radius (repeated):	100.0mm
Weight:	100g/m
Temperature:	-40~+85°C
Outdoor Life:	20 or 10 years

No.	Name	Size (mm)	Material
1	Inner Conductor	2.74	Copper-clad aluminum
2	Dielectric	7.24	FoamPE
3	Outer Conductor	7.39	Double-edged aluminum foil
4	Outer Shield	8.13	Tin-plated copper braid
5	Jacket	10.00	PE or PVC



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