

# SRFS TELEINFRA



## Flexible RF Cables & Assemblies(SRFSH400)

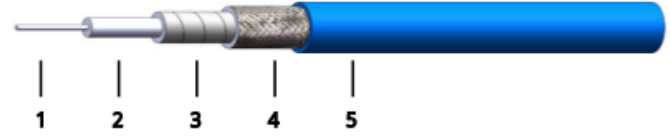
### Features:

- \*Phase Stability
- \* Low PIM

### Applications:

- \* Interconnection in and between equipment
- \* Phased Array Radar

### Construction



Frequency (GHz)	0.3	0.5	1	2.4	3	6	8	10	12.4	18	26.5
Attenuation*1(dB/100m)	19.9	26.2	38.2	62.5	71.1	107.5	128.3	147.6	169.4	216.1	280.6
Average Power*2 (W)	512	423	290	177	156	103	86	75	65	51	39

### Electrical & Mechanical Specifications

Frequency:	DC~26.5GHz
Cut-off Frequency:	34GHz
Impedance:	50Ω
Velocity of Propagation:	70%
Shielding Effectiveness:	90dB min.
Voltage Withstand:	1500V DC
Phase Stability:	750PPM@-55°C~+85°C max.
Bend Radius (installation):	20.0mm
Bend Radius (repeated):	40.0mm
Weight:	49g/m
Temperature:	-55~+125°C

No.	Name	Size (mm)	Material
1	Inner Conductor	0.94	Silver-plated copper
2	Dielectric	3.00	PTFE
3	Inner Shield	3.20	Silver-plated copper tape
4	Outer Shield	3.55	Silver-plated copper braid
5	Jacket	4.00	FEP