

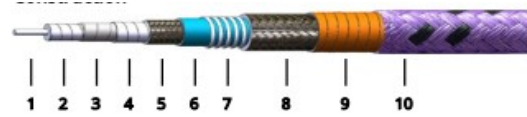
# SRFS TELEINFRA



## SRFS 67 Phase & Loss Stable, Long Flex Life

### Features:

- \* Low Insertion Loss
- \* High Phase Stability
- \* High Power
- \* High Durability



Electrical & Mechanical Specifications	
Frequency:	DC~67GHz
Impedance:	50Ω
Velocity of Propagation:	81%
Shielding Effectiveness:	90dB min. Voltage
Withstand	500V DC
Phase Stability*1:	±7°
Amplitude Stability*1:	±0.05dB
Unarmored Bend Radius(installation/repeated):	12mm/24mm min. Armored Bend Radius
Armored Bend Radius (installation/repeated):	30mm/60mm min.
Bending Life Cycle:	100,000
Mating Life Cycle*2:	5,000
Material & Plating	
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Inner Conductor	Silver-plated copper
Dielectric	Low density PTFE
Inner Shield	Silver-plated copper tape
Interlayer	Low density PTFE
Outer Shield	Silver-plated copper braid
Jacket	FEP
Environmental	
Temperature Range	-55°C~+125°C

### Construction Attenuation & Power Handling

Frequency(GHz)	1	2	4	6	8	10	12	18	26.5	33	40	50	67
Attenuation *3 (dB/100m)	64	91	130	161	187	210	232	288	355	400	445	503	594
Average Power *4 (W)	97	68	47	38	33	29	27	21	17	15	14	12	10



Plot no 10 Shiv Vihar A Block Najafgarh Nala Road Vikasnagar Uttam Nagar New Delhi-110059

+91-9027232570, +91-8800726650 [info@srfsteleinfra.in](mailto:info@srfsteleinfra.in), [info@srfsteleinfra.com](mailto:info@srfsteleinfra.com)

[www.srfsteleinfra.in](http://www.srfsteleinfra.in)