

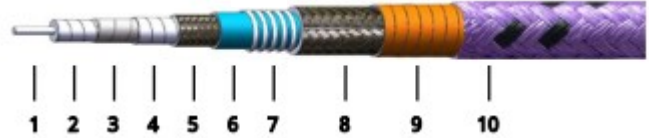
SRFS TELEINFRA



SRFS 50 Phase & Loss Stable, Long Flex Life

Features:

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



Electrical & Mechanical Specifications	
Frequency:	DC~50GHz
Impedance:	50Ω
Velocity of Propagation:	76%
Shielding Effectiveness:	90dB min.
Voltage Withstand:	500V DC
Phase Stability*1:	±7°
Amplitude Stability*1:	±0.05dB
Unarmored Bend Radius(installation/repeated):	18mm/36mm 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)	0.3	0.5	1	3	6	10	12.4	18	26.5	40	50
Attenuation *3 (dB/100m)	24	31	44	77	109	142	159	192	235	292	329
Average Power *4 (W)	924	715	506	288	204	157	140	116	94	76	67



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