

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		
	Material	Plating
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