

SRFS 67 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:	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		
	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)	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