

## SRFS 110 Phase & Loss Stable, Long Flex Life

### Features

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



Electrical & Mechanical Specifications		
Frequency:	DC~110GHz	
Impedance:	50Ω	
Velocity of Propagation:	80%	
Shielding Effectiveness:	90dB min. Voltage Withstand: 400V DC	
Unarmored Bend Radius(installation/repeated):	10mm/20mm min.	
Armored Bend Radius (installation/repeated):	30mm/50mm min.	
Bending Life Cycle:	50,000	
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