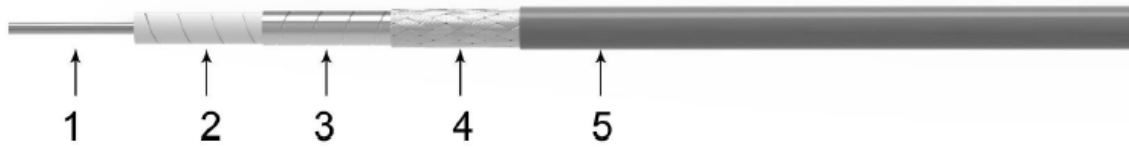


Features & Benefits

- Excellent phase and amplitude stability with flexure
- Ultra low loss 0.26dB/meter to 6 GHz
- Up to 10GHz
- Temperature phase stability < 500ppm(-40°C to +80°C)
- High power handling capability

Cable Construction



No.	Construction	Size(mm)	Materials
1	Center Conductor	3.80	Solid silver-plated copper
2	Dielectric	10.40	Ultra-low-density PTFE
3	Outer Conductor	10.78	Silver-plated copper tape wrap
4	Outer Shield	11.35	Silver-plated copper wire braid
5	Jacket	12.00	FEP

Electrical and Mechanical Specifications	
Frequency range	DC-10 GHz
Impedance	50 Ω
Min. Bending Radius Static	60mm
Min. Bending Radius Repeated	120mm
Velocity of Propagation	83%
Weight	280g/m
Shielding Effectiveness	>90 dB
Temperature(Operation)	-55 ~ 150 °C
Withstanding Voltage	2000 V
Temperature(Storage)	-60 ~ 160 °C
*Mechanical Phase Stability	<±5°
Amplitude Stability vs Shaking	<±0.1dB
Temp Phase Stability	<500ppm(-40°C to +85°C)

SRFS TELEINFRA



Ultra-Low Loss Phase and Amplitude Stable Flexible Cable SRFS1200



Attenuation(Typical@25°C&VSWR=1.0) & Power(VSWR=1.0; 40°C; Sea level)

Frequency MHz	100	300	400	500	1000	1250	2000	3000	6000	8000	10000
dB/100 Meter	3.0	5.3	6.2	6.9	9.9	11.2	14.4	17.9	26.2	30.8	35.0
Avg.Power kW	9.978	5.691	4.907	4.372	3.045	2.707	2.108	1.694	1.157	0.984	0.867

Attenuation at any frequency = $[0.298515 \times \text{SQRT}(\text{FMHz})] + [0.00051 \times \text{FMHz}]$

Available connectors

Connectors	Gender	Orientation	Mounting	Max Freq.(GHz)	VSWR Max
N	Male	Straight	Standard	6	1.3
DIN 7/16	Male	Straight	Standard	6	1.3



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