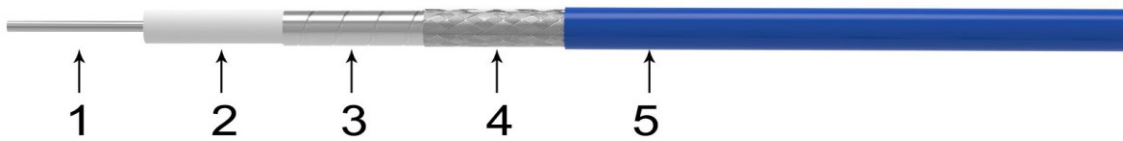


Low Loss Flexible Cable Replacing Semi-flexible Cable SRFS400

Features & Benefits

- Superior alternative to semi-flexible cable
- Alternative to Times TFLEX-402, H+S's Multiflex 141
- Highly competitive pricing
- Operating to 26.5 GHz

Cable Construction



No.	Construction	Size(mm)	Materials
1	Center Conductor	0.91	Solid silver-plated copper
2	Dielectric	3.00	Ultra-low-density PTFE
3	Outer Conductor	3.20	Silver-plated copper tape wrap
4	Outer Shield	3.60	Silver-plated copper wire braid
5	Jacket	4.00	FEP

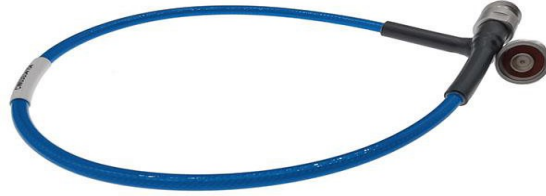
Electrical and Mechanical Specifications

Frequency range	DC-26.5 GHz
Impedance	50 Ω
Min. Bending Radius Static	20mm
Min. Bending Radius Repeated	40mm
Velocity of Propagation	70%
Weight	49g/m
Shielding Effectiveness	>90 dB
Temperature(Operation)	-55 ~ 125 $^{\circ}$ C
Withstanding Voltage	1000 V
Temperature(Storage)	-65 ~ 125 $^{\circ}$ C

SRFS TELEINFRA



Low Loss Flexible Cable Replacing Semi-flexible Cable SRFS400



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

Frequency MHz	300	1500	2000	4000	6000	8000	10000	12000	14000	16000	18000	26500
dB/100 Meter	19.9	47.8	56.3	84.2	107.5	128.3	147.6	165.8	183.2	199.9	216.1	280.5
Avg.Power kW	0.512	0.213	0.181	0.121	0.095	0.080	0.069	0.062	0.056	0.051	0.047	0.036

Attenuation at any frequency = $[1.082400 \times \text{SQRT}(\text{FMHz})] + [0.003937 \times \text{FMHz}]$

Available connectors

Connectors	Gender	Orientation	Mounting	Max Freq.(GHz)	VSWR Max
SMA	Male	Straight	Standard	26.5	1.25
N	Male	Straight	Standard	18	1.3



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