

# SRFS TELEINFRA

## RG 402 (0.141") Semi – Flexible Cable

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ELECTRICAL SPECIFICATIONS		
Suitable Frequency	Up to 20 GHz	
Impedence	50 $\Omega$	
Capacitance	94 pF/m	
Velocity of signal propagation	71 %	
Signal delay	4.8 ns/m	
Working Voltage AC	2500 max	
MECHANICAL & ENVIRONMENTAL SPECIFICATIONS		
Minimum Bending Radius (Single Bend)	10 mm	
Minimum Bending Radius (dynamic)	40 mm	
Flammability	UL 94 V-0	
Connectors	As Semi Rigid M17/130-RG 402	
Signal delay	4.8 ns/m	
Weight	44 Kg / Km	
Temperature Rating	-40 ~ 165 °C	
CONSTRUCTION		
Item	Material	Diameter
Inner Conductor	Silver Plated Copper	0.94 mm
Insulation	Solid PTFE	2.95 mm
Outer Conductor	Tin – Soaked Copper Braid	3.60 mm

Attenuation and Power		
Freq.(MHz)	dB/100m	Average Power(Watt)
1000	40	550
2000	58	390
3000	73	320
4000	86	280
5000	98	250
6000	110	230
10000	151	175
12000	170	150
15000	195	145
18000	220	130

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SRFS Teleinfra | All specifications are subject to change.  
SRFS reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.  
It may be necessary to make modifications to the part and/or the documentation of the part to implement improvements.  
See www.srfsteleinfra.in for the most current information. Revised: 19 Jan 2023

