

# SRFS TELEINFRA

## RG 405 (.085) Semi – Flexible Cable

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### ELECTRICAL CHARACTERISTICS

Suitable Frequency	Up to 18 GHz
Impedence	50 Ω
Capacitance	94 pF/m
Velocity of signal propagation	70 %
Signal delay	4.8 ns/m
Working Voltage AC r.m.s	1500 max
Working Voltage, DC	3000 max
Shielding Effectiveness	Typically <-130 dB/m

### MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Minimum Bending Radius (Single Bend)	6 mm
Minimum Bending Radius (dynamic)	25 mm
Flammability	UL 94 V-0
Connectors	As Semi Rigid M17/130-RG 405
Weight	15 Kg / Km
Temperature Rating	-40 ~ 165 °C

### CONSTRUCTION

Item	Material	Diameter
Inner Conductor	Silver Plated Copper	0.56 mm
Insulation	Solid extruded PTFE	1.70 mm
Outer Conductor	Tin – Soaked tin plated Copper	2.20 mm

Attenuation and Power		
Freq. (MHz)	dB/100m	Average Power(Watt)
400	43	253
1000	70	157
1800	97	116
2000	102	110
2400	113	100
3000	127	89
5000	172	69
1000	249	47
1800	346	33

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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

