

# SRFS TELEINFRA

## .250 SEMI RIGID CO-AXIAL CABLE

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Electrical & Mechanical Specification			
Max. operating frequency	19 GHz		
Impedance	50 Ω		
Nominal Capacitance	29.0 pF/ft (95.1 pF/m)		
Corona Extinction Voltage	3000 Vrms 60 Hz		
Minimum Bending Radius	0.375 in / 9.53 mm		
Voltage Withstanding	7500 Vrms 60 Hz		
Weight	45 gm/ft ( 148 gm/m)		
Maximum operating Temperature	150 °C		
RoHS	Compliant		
Max. operating frequency	19 GHz		
Construction			
Item	Material	Diameter	
Inner Conductor	Silver plated Copper	1.66 ± 0.0254 mm	
Di Electric	PTFE	5.31 ± 0.0508 mm	
Outer Conductor	Aluminum, tin plated	6.35 ± 0.0508 mm	
Frequency (GHz)	Attenuation dB/100 ft	Power (Watt) 20°C and Sea level at dB/100 m	
0.5	4.6	15.9	951.6
1	6.8	22.3	653.1
5	17.4	57.1	259.9
10	27	88.6	169.8
18	41	134.5	113

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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

