

SRFS TELEINFRA

.047 SEMI RIGID CO-AXIAL CABLE

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Electrical & Mechanical Specification			
Cut Off Frequency	109 GHz		
Impedance	50 Ω		
Nominal Capacitance	29.0 pF/ft (95.1 pF/m)		
Corona Extinction Voltage	1000 Vrms 60 Hz		
Voltage Withstanding	2000 Vrms 60 Hz		
Minimum Bending Radius	0.050 in / 1.27 mm		
Weight	1.7 gm/ft (5.6 gm/m)		
Maximum operating Temperature	125 °C		
RoHS	Compliant		
Construction			
Item	Material	Diameter	
Inner Conductor	SPCW	0.29 mm	
Dielectric	PTFE	0.94 mm	
Outer Conductor	Tin Plated Aluminum	1.19 ± 0.0508 mm	
Frequency (GHz)	Attenuation dB/100 ft	Power (Watt) 20°C and Sea level at dB/100 m	
0.5	24.0	78.7	54.4
1	34.2	112.2	38.2
5	78.8	285.5	16.7
10	113.8	373.3	11.6
20	165.9	544.2	8

Add: plot no 10 shiv Vihar a block Najafgarh Sahibi river road Vikas Nagar Uttam Nagar new delhi-110059

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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

