

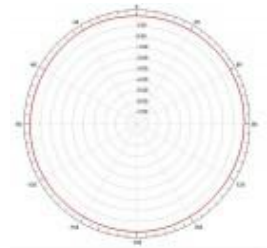
SRFS TELEINFRA

OMNI ANTENNA
Model No.- SRFS-IOA-02-4.0

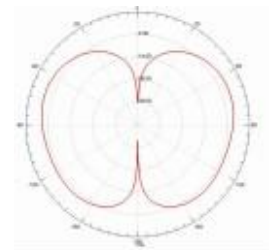
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ELECTRICAL SPECIFICATIONS				
Frequency Range (MHz)	698-960	1710-2170	2170-2700	3300-4000
Polarization	V			
Gain(dBi)	2	3	4	5
Horizontal Beam width (°)	360	360	360	360
Vertical Beam width (°)	80	70	60	50
Roundness (dB)	±4			
Impedance(Ω)	50			
VSWR	≤1.8	≤1.5	≤1.5	≤1.8
3 rd PIM	<-150dBc@33dBm			
Maximum input power(W)	50			
Lightning protection	DC Ground			
MECHANICAL SPECIFICATIONS				
Connector	N-Female			
Connector Position	With cable			
Cable Type	RG 141 Cable Antenna			
Net Weight(kg)	120 g			
Wind Loading Area (m ²)	≤0.2			
Rated Wind Velocity(m/s)	60			
Reflector Material	Copper			
Radome Material	ASA			
Radome Color	White			
IP Grade	IP65			
Operating Temperature (°C)	-40~70			



H-Plane



E-Plane

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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

