

SRFS TELEINFRA

UHF High Gain TETRA Yagi Antenna

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Electrical Specifications	
Frequency (MHz)	380 - 420 MHz
Gain(dBi)	13 dBi
Bandwidth (MHz)	Entire Band
Polarization	Vertical or Horizontal
Input Impedance (Ohms)	50
Radiation Pattern	Omni Directional
Horizontal Beamwidth	Half Power Points. 50 Degrees
Vertical Beam Width	Half Power Points 40 Degrees
Front to Back Ratio	16 dB
VSWR	Better Than 1:2.0
RF Power Handling Capacity	250 Watts.
Input Termination	N-Female
Mechanical Specifications	
Materials	6063T6 Aluminum
Mounting Hardware	Materials Marine Grade Stainless Steel
Weight	3.0 Kgs.
Wind Rating	200 Km/Hr.
Overall Length	1.65 Meters.
Shipping Length	1.75 Meters
Support Boom Materials Cross Section-Outer Diameter.	Aluminum-Square Tube -25.4mm
Elements-Materials- Cross Section-Outer Diameter.	Aluminum-Round Tube-12.7mm
Maximum Mount Pipe Diameter	52mm (2 Inches)
Environmental Specifications	
Operating Temperature	(-)30 to +70 Degrees Celsius
Storage Temperature	(-)40 to +80 Degrees Celsius
Humidity	0 to 95% RH

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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

