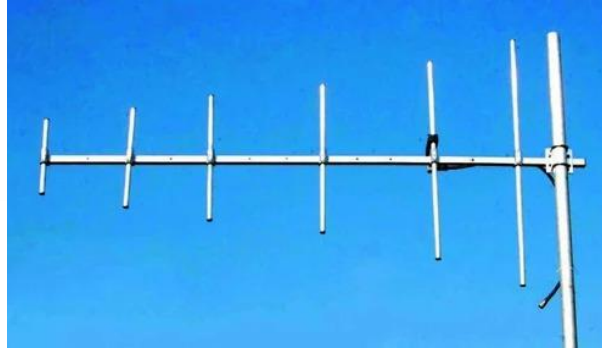


# SRFS TELEINFRA

## UHF High Gain Yagi Antenna

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Electrical & Mechanical Specifications	
Frequency Range	433 MHz
Gain	13 dBi.
Polarization	Vertical or Horizontal
Input Impedance	50 Ohms.
Radiation Pattern	Directional
Horizontal Beam-width Half Power Points.	50 Degrees
Vertical Beam-width Half Power Points.	40 Degrees
Front to Back Ratio	16 dB.
VSWR – Better Than	1.5
RF Power Handling Capacity	250 Watts.
Input Termination	N Female
Materials	6063T6 Aluminum
Mounting Hardware -Materials	Stainless Steel
Weight	4.0 Kgs.
Wind Rating	200 Km/Hr.
Overall Length	130 cm
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 Specification	
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

