

SINGLE BAND PANEL ANTENNA

TA-5412-S1025-14.5-90HV

4900-5925MHz
H90° V8°
Tilt 0°

DESCRIPTION

- Directional antenna
- Dual linearly polarized
- Dual port

ELECTRICAL SPECIFICATIONS

Antenna Model	TA-5412-S1025-14.5-90HV
Polarization	Horizontal & Vertical
Frequency Band (MHz)	4900-5925
Gain (dBi)	14.5±1
Horizontal Beamwidth	90°±5°
Vertical Beamwidth	8°±3°
VSWR	1.7:1
Isolation (dB)	>25
Front-to-Back Ratio (dB)	>20
Cross Polar (dB) Typ.	>-15
Connector	2x Din Female or 2x N Female
Power Handling (W)	50

MECHANICAL SPECIFICATIONS

Dimensions H x W x D mm / (in)	452 x 152.5 x 90 / (17.8 x 6 x 3.5)
Antenna Weight kg / (lbs)	4.5 / (10)
Connector Position	Bottom
Mounting Pipe O.D. mm / (in)	48 x 89 / (1.90 x 3.5)
Tilt Mechanism	Mechanical Tilt (Optional)
Radome	UV Stabilized ASA
Temperature Range	-40° to +60° C
Wind Speed km/h / (m/h)	160 / (100)



ANTENNA PATTERN

