

2-PORT 45° SECTOR ANTENNA (3300-4200 MHz)

TA-3342-S18D45-T0

ELECTRICAL SPECIFICATIONS

Band 3300-4200 MHz

Antenna Model	TA-3342-S18D45-TX
Polarization	± 45°
Frequency (MHz)	3300 – 4200
Horizontal Beam width (°)	45 ± 5
Vertical Beam width (°)	7.5 ± 0.5
Gain (dBi)	18 ± 1
Electrical Down Tilt (°)	FIXED 0
Front-to-Back Ratio @180° ± 30° (dB)	≥30
Cross Polar Discrimination (dB)	≥18
VSWR	1.3:1 Typical 1.5:1 Max
Isolation Between Ports (dB)	≥30
Maximum Power Per Input (W)	100
Impedance (Ω)	50
lightning protection	DC Grounded

MECHANICAL SPECIFICATIONS

Connectors (±45°)	2 X N(F)
Connector Position	Bottom
UV protection (Radome)	UPVC
Radome Color	Grey, paintable
Mounting Pipe O.D. mm(Inch)	48 – 89 (1.90 – 3.5)
Mounting Method (°)	Tilt Mount (0-10)
Survival Wind Speed km/h (mph)	200 (125)
Temperature Range (°C)	-40 to 60
Humidity (%)	100
Antenna Weight Kg (lbs)	≤2.03 (4.475)
Antenna Dimension H X W X D mm (Inch)	554 x 160 x 95 (21.8 x 6.2 x 3.7)



Antenna Patterns

