

Narrow beamwidth 1

Model: EHS1T301A



ELECTRICAL SPECIFICATIONS

Frequency Range (MHz)	R
	690-960
Polarization	$\pm 45^\circ$
Gain over all tilts (dBi)	≥ 18
Horizontal 3dB beam width($^\circ$)	31 ± 5
Vertical 3dB beam width($^\circ$)	9 ± 3
Front to back ratio(dB)	≥ 25
Cross polar ratio(0°)(dB)	≥ 15
Upper side lobe suppression (dB)	≥ 15
Electrical Downtilt ($^\circ$)	0-10
Electrical Downtilt accuracy ($^\circ$)	± 1
Ports VSWR	≤ 1.5
Isolation (dB)	≥ 26
Intermodulation IM3 ($2 \times 43\text{dBm}$)	$\leq -153\text{dBc}$
Impedance (Ω)	50
Max Input Power (W)	400

MECHANICAL SPECIFICATIONS

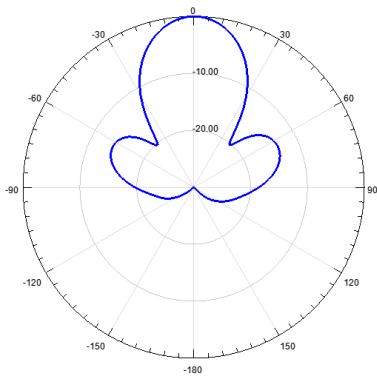
Connector(s)	$2 \times 4.3-10$ female
Connector position	Bottom
Antenna Dimensions (mm)	$2350 \times 630 \times 175$
Packing Dimensions (mm)	/
Mechanical Downtilt kits ($^\circ$)	0-12
Radome Color	light gray
Radome Material	Fiberglass
Antenna weight (kg)	≤ 52
Packing weight (kg)	/
Wind load (N, at 150km/h) Frontal/Lateral/Rearside	/
Operating temperature ($^\circ\text{C}$)	$-40 \sim +60$
Maximum Wind Speed(km/h)	200
Mounting Pipe Diameter (mm)	$\Phi 50 \sim \Phi 115$
RET type	Replaceable Integrated RET

Narrow beamwidth 1

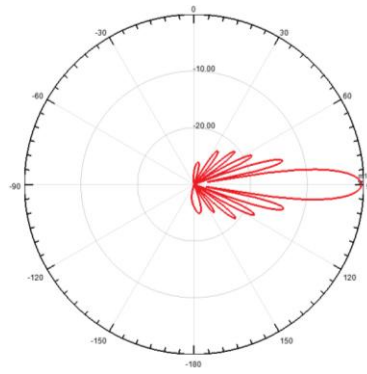
Model: EHS1T301A



EAHiSON



H Pattern



E Pattern

R