



ESATCOM® 1.2m Ku-Band Tx/Rx VSAT Antenna

Model: ESAT-120TXRXKU

Specifications	Transmit	Receive
Operation Frequency	13.75 - 14.50 GHz	10.7 - 12.75 GHz
Efficiency	70% Min.	70% Min.
Ku-Band Gain	43.7 dBi @ 14GHz	42.0 dBi @12:75 GHz
3dB Beamwidth	1.2° Max.	1.4° Max.
Cross Polarization on Axis within 1 dB Beamwidth	30 dB	25 dB
Feed Interface	WR75	WR75
Reflector Type	Elliptical	
Offset Angle	18.29°	
Physical Size Short Axis	118.4 cm	
Physical Size Long Axis	122.1 cm	
Aperture Diameter	117.2 cm	
F/D Ratio	0.75	
Focus Length	877.5 mm	
Mounting Type	Pole Mount	
Adjustment Type	AZ /EL Adjustable	
Material	Galvanized Steel	
Finish	Polyester Coating	
Color	Light Grey / Dark Grey	
Elevation Range	5° - 90°	
Azimuth Range	0° ~ 360°	
Pole Diameter Acceptable	ϕ76 mm	
Operational Winds	55 mph	
Survival Winds	100 mph	
Ambient Temperature	-40°C - +60°C	
Relative Humidity	0 ~ 100%	