

GT-11A Seires Offset Reflector Antenna

Ka -Band Rx/Tx Single-Reflector Antenna System



Product Overview

GOSPELL's GT series Ka antenna products are designed for satellite transmit and receive operation, can be deployed to fixed or portable Ka station with fine Azimuth and Elevation Adjustment features to increase 3, its well design and packaging allow for low transportation costs and easy-handling.

GOSPELL's GT series Ka antennas and RF accessories meet ITU standards, can be well used for Ka satellite communication and data transmission with high performance.

Main Features

- Available bandwidth is wide

- Less interference
- Equipment is small

Technical Specifications

Model	GT-11A-060	GT-11A-075	GT-11A-100	GT-11A-120
Dish Diameter	60cm	75cm	100cm	120cm
TX&RX Gain (Typical)	42.8dBi	44.7dBi	47.1dBi	48.7dBi
	40.7dBi	42.4dBi	44.9dBi	46.6dBi
Antenna Optics	One-piece Offset Feed Prime Focus			
Operating Frequency	TX: 29.50—30.00GHz RX: 19.20—20.20GHz			
VSWR	TX: ≤1.2 RX: ≤1.3			
Polarization	Circular			
Axial Ratio	TX: ≤1.0dB RX: ≤1.5dB			
Isolation	≥90dB (Containing the filter)			
First Side-lobe Level	≤-14dB			
Interface	TX: WR28 Flat RX: WR42 Flat			
Azimuth Adjustment Range	360°unlimited			
Elevation Adjustment Range	0°~ 90°			
Operating Temperature	-25°C ~ 55°C (-13°F ~ 131°F)			
Storage Temperature	-40°C ~ 80°C (-40°F ~ 176°F)			
Relative Humidity	0% ~ 100% (condensing)			
Operating Winds	≤13m/s			

For More Information

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