

Electrical Specification		
Type	KA24T	
Operating Frequency, GHz	Ka-Band	
	Receive	Transmit
	17.7~20.2	27~30
Gain, dBi	50.0@17.7GHz	53.8@27.5GHz
Polarization	Circular	
Axial Ratio, dB		0.5
VSWR	1.30	1.30
-3 dB Beam Width, Mid-band	0.5°@17.7GHz	0.32°@27.5GHz
Typical G/T (EL=30° , 4-port)	24.9dB/K(120K LNA)	
Feed Interface	WR-42	WR-28
Isolation, Tx to Rx, dB	85	
Tx/Tx ,Rx /Rx , dB	20	
Side lobe	CCIR 580-4	
Mechanical Specification		
Antenna Diameter	2.4m	
Antenna Type	Ring focus antenna	
Mount type	X-Y mount antenna	
tracking mode	program tracking	
The biggest movement range	±90°	
Maximum Rotating Speed	5°/s	
tracking accuracy	0.1°	
Environmental Specification		
Operational Wind	61km/h	
store up Wind	115km/h	
Temperature	-30°~+55°	
Relative Humidity	100%	