1.2m Ka band Automatic Flyaway Antenna

Product Category : Automatic Flyaway



Product Parameters

Antenna Category	Automatic Flyaway
Antenna Aperture	1.2m
Antenna Type	Feed back
Polarization	Circular
Frequency (Rx)	17.70-21.20GHz
Frequency (Tx)	29.00-31.00GHz

Port isolation (Rx-Tx)	≥ 85 dB
Port isolation (Tx-Rx)	≥ 40 dB
Gain(Rx)	≥45.41+20lg(f/20.00)dBi
Gain(Tx)	≥48.93+20lg(f/30.00)dBi
VSWR(Rx)	≤1.35:1
VSWR(Tx)	≤1.35:1
Motion range (AZ)	±180°
Motion range (EL)	0°~90°
Motion range (POL)	±90°
AZ	0.1~3°/s
EL	0.1~3°/s
POL	0.1~3°/s
Initial acquisition time	≤3min
Blockage recovery time	≤1min
Power capacity	≤500W
Operating Temperature	-40°C ~ +60 °C
Storage Temperature	-55°C ~ +70 °C
Humidity Requirement	95%(20°C)
Operating wind velocity	13m/s
Survival wind velocity	20m/s
Protection grade/IP Rating	IP65
Power supply	90~264VAC,47Hz~63Hz
power consumption	≤350W(No power amplifier)
Material	Carbon Fiber
Remarks	Optional Feed: L/S

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