3.7m C band Automatic Transportable Antenna

Product Category : Automatic Transportable



Product Parameters

Antenna Category	Automatic Transportable
Antenna Aperture	3.7m
Antenna Type	Feed Forward
Polarization	Linear
Frequency (Rx)	3.40-4.20GHz
Frequency (Tx)	5.85-6.725GHz

Port isolation (Rx-Tx)	≥ 85 dB
Port isolation (Tx-Rx)	≥ 40 dB
Gain(Rx)	≥40.76+20lg(f/3.80)dBi
Gain(Tx)	≥45.16+20lg(f/6.30) dBi
VSWR(Rx)	≤1.5:1
VSWR(Tx)	≤1.5:1
Motion range (AZ)	+180°(When EL is above 36°)
Motion range (EL)	10°~90°
Motion range (POL)	±90°
AZ	0.1~1°/s
EL	0.1~0.5°/s
POL	
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; 1.00GHz-18.00GHz;18.00GHz-40.00GHz

Contact Us

Phone:(86)029-81156153

Email:bxg0@sohu.com

Web:https://www.nebulasignal.com/

Address:9th Floor, No. 32 Chuanghui Road, High-tech Zone, Xi'an City, Shaanxi Province, China