

1.8m C band Automatic Transportable Antenna

Product Category : Automatic Transportable



Product Parameters

Antenna Category	Automatic Transportable
Antenna Aperture	1.8m
Antenna Type	Feed back
Polarization	Circular
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)	≥ 34.50+20lg(f/3.80)dBi
Gain(Tx)	≥ 38.90+20lg(f/6.30)dBi
VSWR(Rx)	≤1.5:1
VSWR(Tx)	≤1.5:1
Motion range (AZ)	±180°
Motion range (EL)	10°~90°
Motion range (POL)	±90°
AZ	0.1~3°/s
EL	0.1~3°/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/Setc. ,Optional box-type or tripod-type design

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