

380~470MHz 2dBi Fiberglass Omni Antennas

PROFILANT ANT-380470-I

Applications

UHF Band Communications System

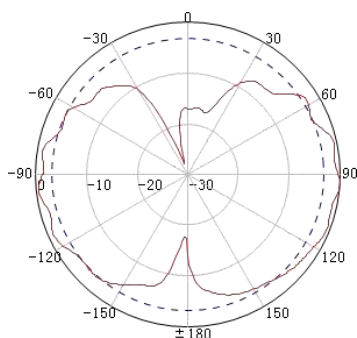
Electrical Specifications

Frequency Range (MHz)	380~470
Band Width (MHz)	90
Polarization	Vertical
Gain (dBi)	3± 1
Omni Ripple(dB)	± 1.5
Horizontal Beam Width(°)	360
Vertical Beam Width(°)	65± 25
Impedance (Ω)	50
VSWR	≤ 1.8
Maximum Input Power (W)	100

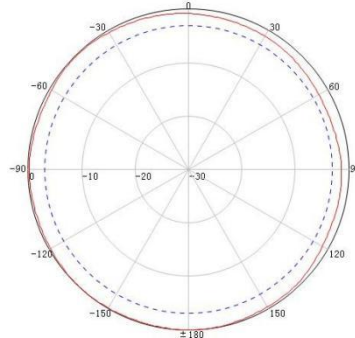
Mechanical Specifications

Connector Type	FME Female
Connector Position	Bottom-end of the Cable
Cable Type	5m RG58(Inner Conductor and Braid is Tinned Cooper)
Antenna Size (mm)	φ 24* (380± 10)
Packing Size (mm)	TBD
Antenna Weight (kg)	200± 10
Radome Material	Fiberglass
Antenna Colour	White
Operating Temperature (°C)	-40~+70
Storage Temperature (°C)	-45~+80
Relative Humidity(%)	5~95
Salt Spray Resistance	96 Hour Neutral (GB/T 2423.17-2008)
Rated Wind Velocity (m/s)	60
Ingress Protection	IP65(Except the outlet hole)
Applications	Indoor Or Outdoor
Mounting	Diagram of Wall

Typical pattern E Plane



Typical pattern H Plane



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Product Pictures

