

# U4FG12B

## 440-450 MHz 12dBi Omnidirectional Fiberglass Antenna

### Electrical Specifications

Frequency Range (MHz)	440-450
Bandwidth (MHz)	10
Horizontal Half-power Beamwidth (°)	360
Vertical Half-power Beamwidth (°)	7
Gain (dBi)	12
Polarization	Vertical
VSWR	≤1.5
Average Power, Maximum (W)	100
Impedance (Ω)	50



### Mechanical Specifications

Length (m)	6.5
Net Weight (kg)	10.5(installation kit included)
Packing Dimensions (mm)	3800×150×100
Radome Material	Fiberglass
Radome Color	White
Connector	N Female

### Environmental Specifications

Application	Outdoor
Operating Temperature (°C)	-40 to +70 (-40 to 158°F)
Humidity (%)	5 to 95
Survival Wind Velocity (km/h)	200

### Mounting Specifications

MOUNTING BRACKETS ARE INCLUDED UNLESS OTHERWISE SPECIFIED

Mounting Mast Diameter (mm)	Φ 40 to 50
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