

C8FG7W

824-896MHz Wide Band 7dBi Omnidirectional Fiberglass Antenna

Electrical Specifications

Frequency Range (MHz)	824-896
Bandwidth (MHz)	64
Horizontal Half-power Beamwidth (°)	360
Vertical Half-power Beamwidth (°)	20
Gain (dBi)	7
Polarization	Vertical
VSWR	≤1.5
Intermodulation IM3(2×43dBm carrier) (dBc)	≤-150
Average Power, Maximum (W)	100
Impedance (Ω)	50

Mechanical Specifications

Dimension (mm)	∅36×1000
Net Weight (kg)	1.5 (installation kit included)
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)	∅ 40 to 70
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