



## 896-940 MHz Unity Gain Omnidirectional Antenna FG8960

### FIBERGLASS BASE STATION ANTENNAS FEATURE COMPONENTS THAT PERFORM IN EXTREME CONDITIONS

The TE Connectivity FG8960 fiberglass omnidirectional base station antenna is a convenient and highly durable solution for base station or micro base station applications. It features superior quality design through heavy wall gold anodized aluminum mounting sleeve and a highly polished white UV treated fiberglass radome.

#### FEATURES

- High performance
- 100% tested on a network analyzer before shipping
- Special UV protection coating resist sun damage
- Easy installation with optional FM2SP Mount Kit
- N Female industry standard connector

#### MARKETS

- Omnidirectional outdoor antenna applications used in commercial, public safety, and government applications around the globe
- Typical applications include land based and marine radio and voice and data transmission

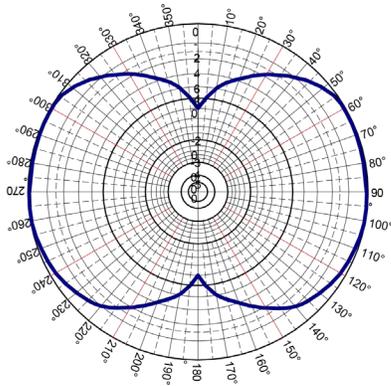
#### SPECIFICATIONS

Part Number	FG8960
Frequency Range (MHz)	896 - 940 MHz
Nominal Gain	0 dBd
VSWR	<2.0:1
Maximum Power	100 watts
Nominal Impedance	50 Ohm
Polarization	Vertical
Pattern	Omni-Directional
Half-Power Beamwidth	110° x 360° (E1° x Az°)
Termination	N-Female
Height	13 3/8 in (34.28 cm)
Diameter	1.31 in (3.30 cm)
Weight	0.65 lbs (0.29 kg)

## SPECIFICATIONS

Rated Wind Velocity	125 mph (210 kph)
Rated Wind Velocity w/0.5" radial ice	85 mph (137 kph)
Wind Resistance	0.1217 sq. ft.

## ANTENNA RADIATION PATTERN



Elevation Pattern (Y, Z or H-plane)  
Normalized to OdBd



Lightning  
Arrestor  
LABH350NN  
(Sold Separately)



FM2 Mounting Kit  
(Sold  
separately)

## TE TECHNICAL SUPPORT CENTER

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