



Smart Technology. Delivered.

FIBERGLASS OMNIDIRECTIONAL ANTENNAS

FG8240



FG8240
(Shown with optional FM2SP mounting kit)

FIBERGLASS BASE STATION ANTENNAS FEATURE INDUSTRY-LEADING DESIGN COMPONENTS THAT PERFORM IN EXTREME CONDITIONS

Laird's fiberglass base station antennas are collinear designs enclosed in a high density fiberglass, which is covered with a protective ultraviolet inhibiting coating.

The radiating elements are made from high efficiency copper and are carefully phased to provide maximum gain in the horizontal plane. The mounting sleeves are tuned to eliminate RF currents from the transmission line, resulting in a "cold" sleeve allowing great freedom in mounting. This high quality and well-focused beam provides the highest gain and best efficiency.

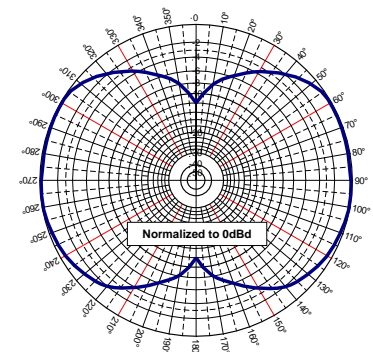
FEATURES AND BENEFITS:

- Every FG fiberglass base antenna is tested on a network analyzer before shipping to assure the best performance.
- Special UV Treated - stands up to the sun
- Durable gold anodized sleeve and cap with N Female connector
- Custom tuning available
- FedEx / UPS Shippable

APPLICATIONS:

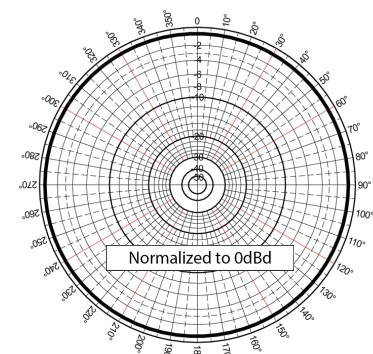
- Omnidirectional (circular) outdoor antenna applications used by private organizations and government agencies around the globe.
- Typical applications include land based and marine radio and data transmissions for public safety agencies, commercial organizations, and the military.

Electrical	
Frequency Range	824-896 MHz
VSWR	< 2:1 Max
Nominal Gain	0 dBd
Maximum Power	100 W
Nominal Impedance	50 Ω
Polarization	Vertical
Pattern	Omnidirectional
Half-Power Beamwidth (Elevation° x Azimuth°)	110° x 360°
Termination	N Female connector
Lightning Protection	Lightning Arrestor LABH350NN (Sold separately)



Elevation Pattern (Y, Z, or H-plane)

Mechanical	
Height	13-3/8"
Diameter	1.310"
Weight	0.65 lbs
Rated Wind Velocity	125 mph (210 kph)
Rated Wind Velocity (with 0.5" radial ice)	85 mph (137 kph)
Wind Resistance	0.1217 sq. ft.
Mounting Information	Optional FM2SP Mounting Kit (Sold separately)



Azimuthal Pattern (Y, Z, or E-plane)

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ANT-DS-FG8240 0616

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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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