

Base Station Omnidirectional Antenna



The FXDP1800-1830 antenna is designed to be used in military, commercial, and other applications where reliability is needed most. This antenna works with all radios within the 1800-1830 MHz band.

This antenna has excellent main beam stability, side lobe control, VSWR, and gain flatness to improve system performance by increasing data rate and reducing BER (Bit Error Rate).

This antenna is provided with state-of-the-art radiating elements essential for maximum reliability and superior performance.

Robust and tough, this antenna is housed in a thick fiberglass radome double reinforced at the base and is constructed from corrosion resistant materials for reliability in the harshest environments.

UM004AB Mounting Bracket sold separately.



Base Station Omnidirectional Antenna Specifications

ELECTRICAL:

Frequency Range: 1800-1830 MHz

Gain: 9 dBi +/- .5

VSWR: 2:1 Typical

Input Impedance: 50 Ω Nominal

Power: 30 Watts

Polarization: Vertical

Radiation Pattern: Azimuth: 360°
Elevation: 10°

DC Short: Yes

Input Connector: Type N Female

MECHANICAL:

Overall Height: 36 in. (0.90 m)

Radome Main: 1.25 in. (31.8 mm) OD

Radome Base: 1.50 in. (38 mm) OD

Net Weight: 1.5 lb. (0.67 kg)

Max Wind Load: 150 mph (241 km/h)

Color: Black/Green/Tan/Grey

Mounting: 1"-14 UNF Threaded Base Nut

****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



Made in the USA
ISO 9001:2008 Certified
(1Y10400)

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