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Nema 6 Rated Waterproof Die-Cast Enclosure Antenna

The DCE-ANT series die-cast aluminum enclosures with integrated antenna from Laird Technologies are designed for extremely long life in outdoor environments. The powder coat paint over aluminum construction offers unsurpassed resistance to corrosion. The hinged cover/antenna radome is constructed of UV resistant plastic. The pole mount hardware includes heavy galvanized pole clamps and stainless steel U-bolts and attachment nuts. The die-cast enclosure has extra heavy duty mounting flanges for reliable mounting to poles or surface mounting to walls.

The most unique feature is the inclusion of 8 engineered hole knockouts which allow for many different configurations of connectors and feedthru's without the need for drilling holes. The knockouts are easily removed using a Flat Blade Screwdriver and hammer. The enclosures have qty. 4 threaded 1/4" tall standoffs in the base for mounting a user plate (included), which in turn can hold the users electronics. This configuration provides universal mounting which is fully customizable by the user.

For sales information:

Telephone 801-572-3024

E-Mail sales@pacwireless.com

or visit: www.pacwireless.com

Features and Benefits:

- Integrated VPOL antennas in UV plastic hinged cover
- Choice of:
 - 2400-2700MHz 12dBi Wide Band
 - 4940-5850MHz 19dBi Wide Band
 - Dual Band 2400-2485MHz 12dBi and 4940-5850MHz 15dBi (single connector)
- VSWR better than 1.5:1 across specified frequency ranges
- Die cast aluminum enclosure with white epoxy powder coat paint
- Qty 8 engineered hole knockouts for many possible configurations. No drilling required!
- Qty 4 0.25" tall threaded standoffs and mounting plate for mounting of electronics inside enclosure
- Pole mount or wall mount
- Nema 6 rated for long term weatherproofing
- Various connector configurations available from stock

Applications

- Wireless base stations
- Wireless client radios
- Mesh networks
- Public safety wireless systems
- 802.11 a/b/g wireless systems
- 2.5GHz WiMAX

Specifications

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Knockouts (Qty 8)	Qty 2 0.810" diameter Qty 6 0.625" diameter
Knockout Locations	Qty 3 on bottom, Qty 3 on right side, Qty 1 on top and Qty 1 in back
Internal Standoffs	(Qty 4) 8-32 tapping, 6.5" x 5.5" centers, 0.25" height
Useable Interior Space	7.125" x 6.125" x 2" (181 x 156 x 51mm)
Mounting	1" to 2" pole using included bracket kit, or wall mount using user supplied screws
Cover Seal	High performance EPDM gasket
Solar Heat Rise	Internal temperature ≤ 4 deg C above external ambient
Overall Size (L x W x H)	10" x 7.1" x 2.25" (254 x 180 x 57mm)
Weight	40oz (1.13kg)

System Ordering:

DCE-ANT-7x6x2-

Connector Options

MC – MC Card
MMCX – MMCX
RMMCX – Reverse Polarity MMCX
RSMA – Reverse Polarity SMA
RTNC – Reverse Polarity TNC
UFL – U.FL, MHF

VPOL Antenna Type

2412 – 2400-2700MHz 12dBi, BW 35deg

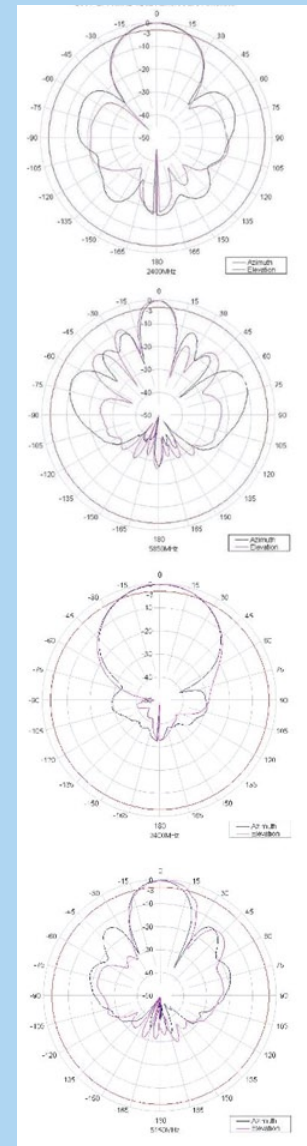
5819 – 4940-5850MHz 19dBi, BW 15deg

2458 – Dual Band 2400-2485MHz 12dBi BW 43 deg, 4940-5850MHz 15dBi BW 22deg

Notes:

- All shipments F.O.B. Schaumburg, IL 60173
- All antennas carry a 2 Year Warranty

Antenna Patterns



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