

## Section 7

### DATA LINK ANTENNAS

Updated 22 February 2011

#### DLD2400 Stud Mount Data Link Dipole

Frequency  
**2.4 GHz**

Bandwidth  
n/a



**DLD2400 is a stud mount dipole factory tuned for 2.4 GHz with 2.1 dBi gain. The flexible UV stabilised black PVC radome and delrin ferrule stands just 11.5 cm tall.**

The antenna can be secured into any bracket with a 12.7 mm ( $\frac{1}{2}$ " ) minimum diameter hole using the stainless steel nut at the base. A variety of mounting brackets are available separately.

No metal ground plane is necessary for the antenna to operate effectively. Potential mount positions therefore include vehicles and numerous fixed locations where no metal exists.

60 cm of RG174 cable bottom exits through the base.

An **SMA Male** connector is fitted to the cable. Other connector options are available upon request.

SPECIFICATIONS	DLD2400
Construction	Flexible UV stabilised black PVC radome and cap with delrin mount ferrule
Frequency	<b>2.4 GHz</b>
VSWR	< 1.5:1
Tuning	Factory
Gain	<b>2.1 dBi</b>
Maximum Power	20 Watts
Impedance (Nom.)	50 Ohms
DC Grounding	Yes
Polarisation	Vertical
H-Plane	360° Omnidirectional
Cable	60 cm of RG174 cable bottom exits through the base
Connector	SMA Male fitted to the cable (Other connectors available)
Height	11.5 cm
Weight	40 grams
Mounting	Secure to any bracket with 12.7 mm ( $\frac{1}{2}$ " ) minimum diameter hole using the stainless steel nut at the base

