

Section 7

DATA LINK ANTENNAS

Updated 22 February 2010

MD2400 Stud Mount ISM Band Collinear

Frequency
2.4 – 2.5 GHz

Bandwidth
Full Band



These ground independent omnidirectional collinear data link antennas cover the full ISM band 2.4 to 2.5 GHz and deliver 2.1 dBi gain. Standing just 23 cm tall, they mount simply into any bracket with 12.7 mm (1/2") minimum diameter hole.

Construction consists of brass internals, aluminium ferrule and a fibreglass radome. Model **MD2400-B** has a Black radome and **MD2400-W** is White.

5 metres of RG58 low loss cable side exits from the aluminium ferrule. An SMA Male connector is fitted to the cable.

The **GM1** stainless steel 'L' bracket is supplied for mounting. Secure this bracket in position with 2 screws or bolts.

If the SMA Male connector or bracket supplied do not suit your particular application, other options are available upon request.



SPECIFICATIONS	MD2400-B	MD2400-W
Construction	Brass internals, fibreglass radome, aluminium ferrule	
Radome Colour	Black	White
Frequency Range	2.4 to 2.5 GHz full band	
VSWR	Less than 1.5:1 across full band	
Tuning	Factory	
Gain	2.1 dBi	
Maximum Power	10 Watts	
Impedance (Nom.)	50 Ohms	
DC Grounding	Yes	
Polarisation	Vertical	
Cable	5 metres RG58 low loss cable side exits from the ferrule	
Connector	SMA Male fitted to the cable (Other connectors available)	
Height	23 cm	
Weight	150 grams	
Mounting	Secure into any bracket with minimum 12.7 mm (1/2") diameter hole using the stainless steel nut and washer at the base.	
Mounting Bracket	GM1 stainless steel 'L' bracket is supplied. (Others available)	



An SMA Male connector is fitted to the cable



The **GM1** stainless steel 'L' bracket with 17 mm diameter hole is supplied