



DLD2400

Omni-directional stud mount dipole WiFi/WLAN & ISM 2.4-2.5 GHz



The DLD2400 is a stud mount dipole specifically designed for 2.4 GHz ISM or WiFi band. The small profile of this antenna allows for it to covertly be installed with minimal visual impact.

Mounting hardware, coaxial feeder cable, adaptors and other installation accessories are all available separately.

Construction	Black PVC radome, black delrin ferrule, internal PCB, external coaxial cable and termination
Frequency range	2.4-2.5 GHz - ISM & WiFi/WLAN compatible
Bandwidth	Full frequency range stated - 100 MHz
VSWR	<2.45:1 - 2.4-2.42 GHz <1.8:1 - 2.42-2.5 GHz
Tuning	Factory
Gain	2.1 dBi
Impedance - nominal	50 Ohms
Maximum power	20 Watts
DC grounding	Yes
Polarisation	Vertical
H Plane	360° omnidirectional
Cable	600mm RG316, bottom exit - or specify length requirements
Connector	SMA male fitted as standard - or specify requirements
Height	115mm
Weight	40grams
Mounting hardware order separate	Bracket: GM1, GM2, GM6, A-6211, A-4115 or A-4115-2 Hole: 12.7mm diameter
Mounting position recommended	Mount as high on your structure, pole or mast as possible using the appropriate mounting brackets. Do not mount near any vertical metallic objects.
Installation tools required	19mm or 3/8" spanner for base nut securing



Black delrin mount ferrule with securing nut and external coaxial cable.



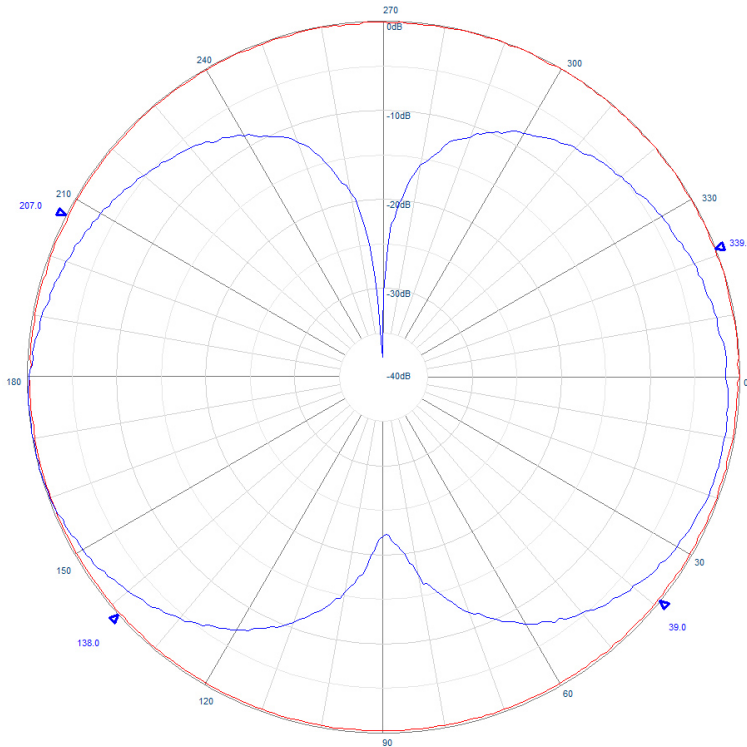
SMA male plug connector fitted to RG316 coaxial cable



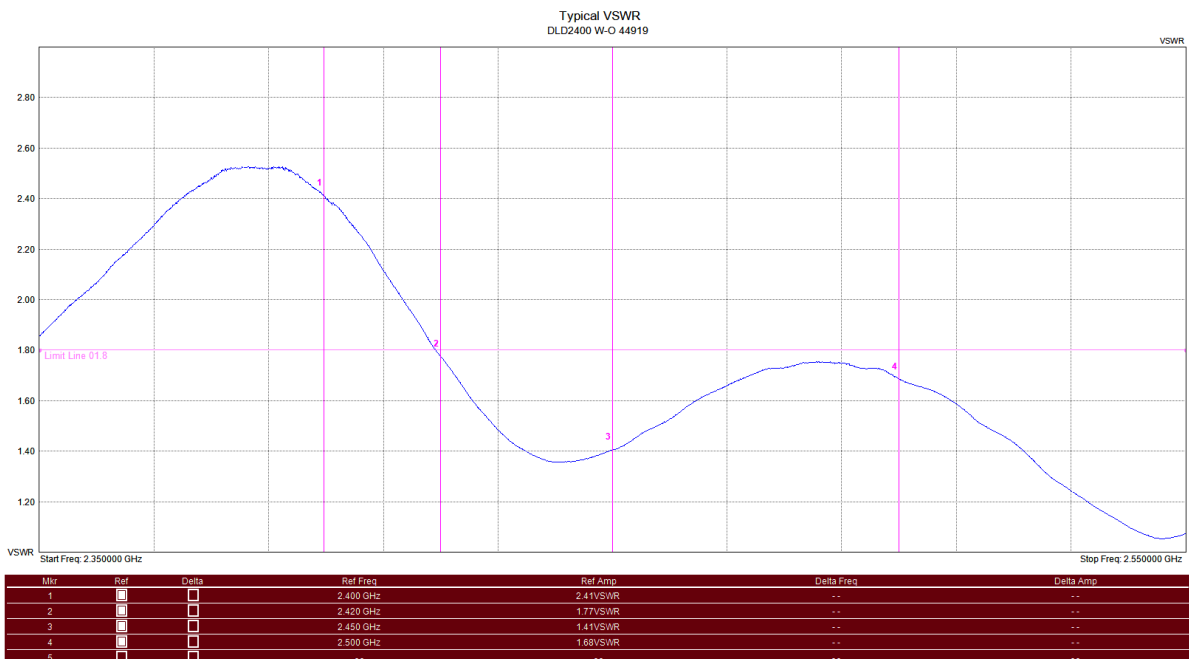
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Example radiation pattern

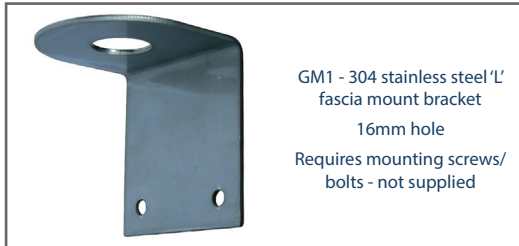


Typical VSWR

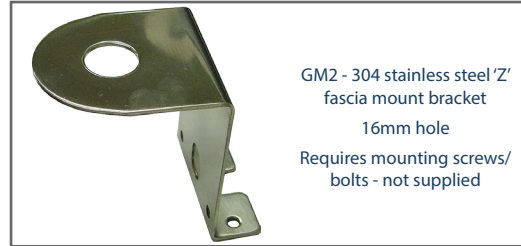
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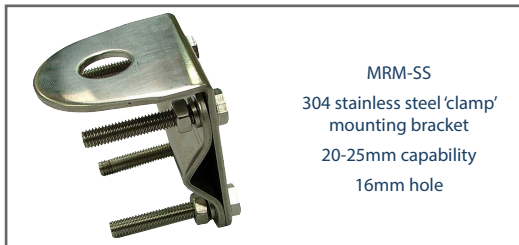
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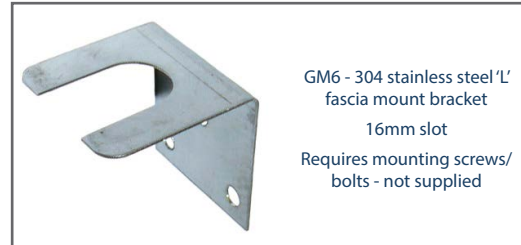
GM1 - 304 stainless steel 'L' fascia mount bracket
16mm hole
Requires mounting screws/ bolts - not supplied



GM2 - 304 stainless steel 'Z' fascia mount bracket
16mm hole
Requires mounting screws/ bolts - not supplied



MRM-SS
304 stainless steel 'clamp' mounting bracket
20-25mm capability
16mm hole



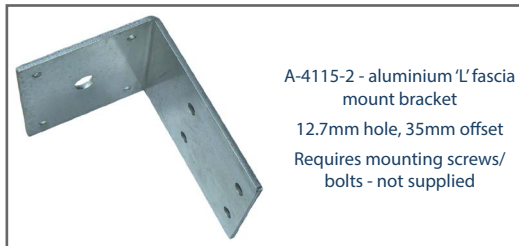
GM6 - 304 stainless steel 'L' fascia mount bracket
16mm slot
Requires mounting screws/ bolts - not supplied



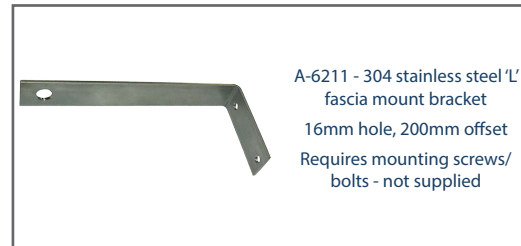
MRM-SS
304 stainless steel 'clamp' mounting bracket
20-25mm capability
16mm hole



BBM-SS series
304 stainless steel 'wrap around' mounting bracket
50-76mm capability depending on model
16mm hole



A-4115-2 - aluminium 'L' fascia mount bracket
12.7mm hole, 35mm offset
Requires mounting screws/ bolts - not supplied



A-6211 - 304 stainless steel 'L' fascia mount bracket
16mm hole, 200mm offset
Requires mounting screws/ bolts - not supplied



MGB
Powdercoated black internal magnet mount base
16mm hole
105mm diameter
Can be fitted during manufacture
includes scratch reduction pad on base

Typical alternate connectors



P/N 7963-10
Reverse gender SMA male crimp termination

Also available in standard gender and opposite gender



P/N 8278
N-type male termination
Suits mobile/telemetry devices

Also available in alternate gender