

MD2400-EL Dipole Antenna

Antenna for use with ELPRO 2.4 GHz products



Description

The MD2400-EL Dipole Antenna is a ground-independent antenna suitable for the ELPRO 2.4 GHz product range. The MD2400-EL is vertically polarized with an omnidirectional radiation pattern, and has a fiberglass radome and aluminum mounting point.

These antennas are mounted securely in place using a supplied stainless steel bracket. The MD2400-EL is packaged with a 6.4' (5m) pre-terminated RG-58 low-loss cable.

Specifications

SPECIFICATION	DESCRIPTION
Parameters	
Frequency	2380–2520 MHz
Gain	–1 dBi (includes 3 dB loss in coaxial cable)
Bandwidth	140 MHz at center frequency (tuned)
VSWR	<1.5:1 across band
Polarization	Vertical
H-plane	Omnidirectional
Termination	
Termination	SMA male with 16.4' (5m) of RG-58 cable
General	
Size	9" (230 mm)
Housing	Fiberglass/aluminum
Mounting	Aluminum ferrule, secure to bracket with 0.5" (12.7 mm) hole and supplied locknut Stainless steel bracket included
Weight	0.3 lbs (0.15 kg)
Wind loading	2.2 lbs (1 kg) at 99 mph (160 km/h)

Note: Specifications are subject to change.

Ordering

PRODUCT CODE	DESCRIPTION	FREQUENCY
MD2400-EL	Dipole antenna, 16.4' (5m) cellfoi/SMA, mounting bracket, –1 dBi gain	2380–2520 MHz

Product Compatibility

See your product data sheet for information on compatibility of the MD2400-EL Dipole Antenna with your application.



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