



ACCESSORIES +

**ELPRO ANTENNAS
2.4GHZ WIFI BAND**

Antenna's for use with ELPRO products in the 2.4GHz WiFi bands

OMNI DIRECTIONAL

The 2400MHz Omni antennas from ELPRO Technologies are ground-independent antennas suitable for use with the ELPRO 2400MHz products. Constructed of aluminum, the antenna is vertically polarized with a directional radiation pattern..



SPECIFICATIONS

Parameters	MD2400EL	SG2400EL	Z2400EL	PAN2400-12-N	Y2400EL
Frequency ^a	2380-2520MHz	2380-2520MHz	2380-2520MHz	2380-2520MHz & 5725-5580MHz	2380-2520MHz
Gain	-1dBi ^a	5dBi	10dBi	12dBi	18dBi
H-Plane	Omni directional (360°)	Omni directional (360°)	Omni directional (360°)	40°	23°
E-Plane	N/A	N/A	N/A	40°	26°
Bandwidth	140MHz, Center freq	140MHz, Center freq	140MHz, Center freq	140MHz, Center freq	140MHz, Center freq
VSWR	Less than 1.5:1 ratio across band			<3:1 ratio across band	1.5:1 ratio across band
Polarization	Vertical			Vertical or Horizontal	Vertical or Horizontal
Termination	SMA male 5m (16.4') RG58 cable	N-type female 200mm (7.8") RG58 cable	N-type female 200mm (7.8") RG58 cable	N type bulkhead female	N-type female 150mm (5.9") RG58 cable
Housing	Fibreglass aluminium	Fibreglass radome	Fiberglass radome	Stainless steel & UV stabilised ABS	Fiberglass/aluminium radome
Mounting	Aluminum ferrule with 12.7mm (0.5") hole and locknut	Aluminum ferrule with 12.7mm (0.5") hole and locknut	Aluminum ferrule with 12.7mm (0.5") hole and locknut	Adjustable Stainless bracket to fit 23-45mm pole	SS Ubolt clamp to fit 50mm (1.9") ø pole
Wind loading at 160Km/h (99mph)	1kg (2.2 lbs) @ 160 km/h (99 mph)	2.4kg (5.2 lbs) @ 160 km/h (99 mph)	2.4kg (5.2 lbs) @ 160 km/h (99 mph)	N/A	4.3kg (9.5 lbs) @ 160 km/h (99 mph)
Bracket Included	Yes	Yes	Yes	Yes	Yes
Dimensions					
Size (length)	230mm (9")	550mm (21.6")	850mm (33.4")	104x104,174mm (4.1"x4.1"x6.8")	700mm (27.5")
Weight	0.15kg (0.3lbs)	0.25kg (0.6lbs)	0.55kg (1.2lbs)	0.45kg (1lbs)	2kg (4.4lbs)

Note: Specifications are subject to change.

^a = includes coaxial cable

Order Codes

MD2400EL	Dipole whip Antenna, -1dBi Gain, 230mm (2.1"), 5m Coax cable, SMA male, mounting bracket included
SG2400EL	Colinear Antenna, 5dBi Gain, 550mm (21.6"), 200mm Coax tail, N Type female, mounting bracket included
Z2400EL	Colinear Antenna, 10dBi Gain, 850mm (33.4"), 200mm Coax tail, N Type female, mounting bracket included
PAN2400-12-N	Directional panel Antenna, 12dBi Gain, 100mm (4.1"), N Type female bulkhead, mounting bracket included
Y2400EL	Directional Yagi Antenna, 18dBi Gain, 700mm (27.5"), 150mm Coax tail, N Type female, mounting bracket included

CONTACT

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HOW TO ORDER

Simply send us an email at

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