



ACCESSORIES +

ELPRO ANTENNAS 5GHZ WIFI BAND

Antenna's for use with ELPRO products that operate in the 5GHz WiFi bands

ANTENNAS

The antennas below are from ELPRO Technologies, they are ground-independent and suitable for use with the ELPRO products that operate in the 5GHz frequency bands.



SPECIFICATIONS

Parameters	COL5806	COL5810	PAN2400-12-N
Frequency ^a	5725-5850 MHz	5725-5850 MHz	2380-2520 MHz & 5725-5850 MHz
Gain	1dBi ^a	10dBi	12dBi
H-Plane	Omni directional (360°)	Omni directional (360°)	40°
E-Plane	23°	8°	40°
Bandwidth	125Mhz, Center freq	125Mhz, Center freq	140Mhz, Center freq
VSWR	Less than 1.5:1 ratio across band	Less than 1.5:1 ratio across band	Less than 3:1 ratio across band
Polarization	Vertical	Vertical	Vertical or Horizontal as application Requires
Termination	SMA male with 16.4' (5m) of RG-58 coaxial cable	N Type female with 7.9' (200mm) of RG-58 cable	N-type bulkhead female
Housing	Fiberglass radome	Fiberglass radome	Stainless steel / UV stablised ABS
Mounting	Aluminum ferrule secured to bracket with 0.5" (12.7mm) hole and included locknut	Aluminum ferrule secured to bracket with 0.5" (12.7mm) hole and included locknut	Adjustable Stainless bracket to fit 23-45mm pole
Wind loading at 160Km/h (99mph)	2.1 lbs (0.95 kg) at 99mph (160km/h)	5.1 lbs (2.3 kg) at 99mph (160km/h)	N/A
Bracket Included	No (See Bracket Code below)	No (See Bracket Code below)	Yes
Dimensions			
Size (length)	155mm (6.1")	395mm(15.5")	104 x 104 x 174mm (4.1"x 4.1"x 6.8")
Weight	0.95kg (0.21lbs)	0.15kg (0.3lbs)	0.45kg (1lbs)

Note: Specifications are subject to change.

^a = Included coax cable provides unity gain

Order Codes

COL5806	Collinear antenna; SMA male, mounting bracket, 1 dBi gain, 16.4' (5m) coaxial cable
COL5810	Collinear antenna; N Type female, mounting bracket, 10 dBi gain.
PAN2400-12-N	Directional antenna, N-type connector, 18 dBi gain
ANT-BR-TLM-1S	Mounting Bracket for COL58XX Antennas (Contact Elpro Sales for pricing)

CONTACT

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HOW TO ORDER

Simply send us an email at

sales@elprotech.com, contact your local distributor, or phone **+61 7 3352 8600**An **envirada** group company