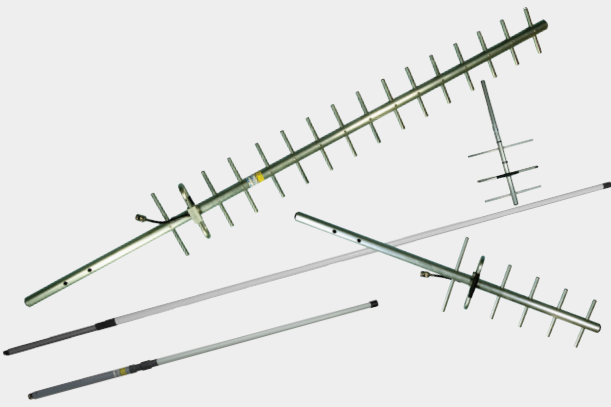


ACCESSORIES +

**ELPRO ANTENNAS
400MHZ BAND**

Antenna's for use with ELPRO products in the 400MHz band



OMNI DIRECTIONAL

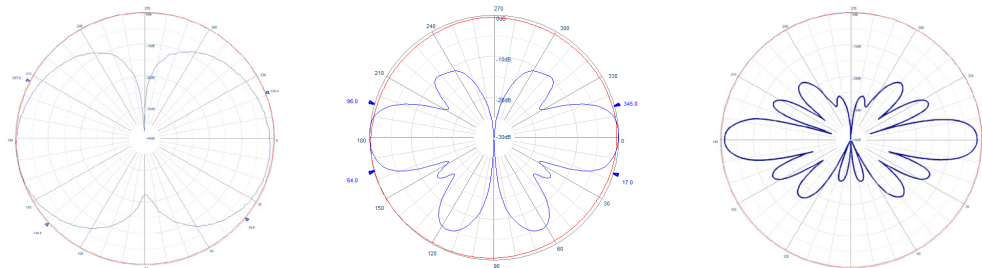
The 400MHz Omni antennas from ELPRO Technologies are ground-independent antennas suitable for use with the ELPRO 400MHz products. Constructed of aluminum, the antenna is vertically polarized with a directional radiation pattern.



SPECIFICATIONS

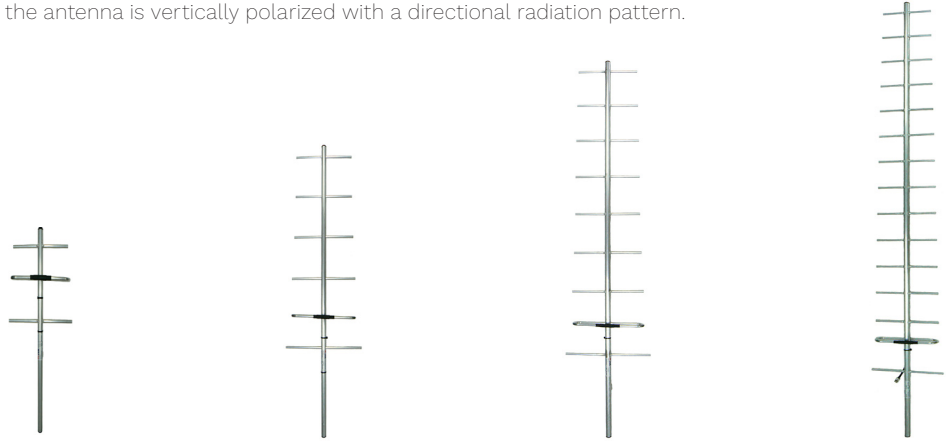
Parameters	UDP400-C	BU3-400	BU6-400
Frequency ^a	380-520MHz	380-520MHz	380-520MHz
Gain	2dBi	5dBi	8dBi
H-Plane	Omni directional (360°)	Omni directional (360°)	Omni directional (360°)
E-Plane	N/A	28°	16°
Bandwidth	Specify Center Freq when ordering, 1.5% bandwidth		
VSWR	Less than 1.5:1 ratio across band		
Polarization	Vertical		
Termination	N-type female	N-type female	N-type female
Housing	PVC, fiberglass, aluminium	Fiberglass / aluminium	Fiberglass / aluminium
Mounting	20mm (0.8") ø tube	38mm (1.5") ø tube	20mm (0.8") ø tube
Wind loading at 160Km/h (99mph)	2.5kg (5.5lbs)	3.9kg (8.6lbs)	8kg (17.6lbs)
Bracket Included	No	No	No
Dimensions			
Size (length)	600mm (23.6")	1.7m (5.5')	3.1m(10.2")
Weight	0.15kg (0.33lbs)	1.1kg (2.4lbs)	1.5kg (3.3lbs)

Antenna Radiation Pattern



YAGI ANTENNAS

The 400MHz Yagi antennas from ELPRO Technologies are ground-independent antennas suitable for use with the ELPRO 400MHz products. Constructed of aluminum, the antenna is vertically polarized with a directional radiation pattern.



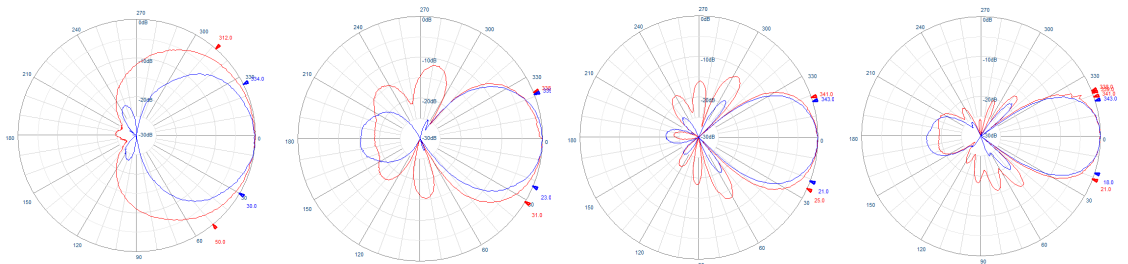
SPECIFICATIONS

Parameters	YU3-400	YU6-400	YU9-400	YU16-400
Frequency ^a	380-520MHz	380-520MHz	380-520MHz	380-520MHz
Gain	6dBi	9dBi	12dBi	16dBi
H-Plane	76°	50°	44°	37°
E-Plane	57°	46°	36°	33°
F/B ratio	15dB	17dB	17dB	17dB
Bandwidth	20Mhz centered on ordered frequency			
VSWR	Less than 1.5:1 ratio across band			
Polarization	Vertical or Horizontal as per licence application			
Termination	N-type female on 200mm (7.8") coax tail			
Housing	Aluminium			
Mounting	BR-YAG-KIT for pole mount up to 50mm (2")			
Wind loading at 160Km/h (99mph)	4.6kg (10lbs)	8kg (17lbs)	11.5kg (25lbs)	12kg (26.4lbs)
Bracket Included	Yes	Yes	Yes	Yes

Dimensions

Size (length)	0.6m (1.9')	1.2m (3.9')	1.6m (5.2')	2.4m(7.8")
Weight	0.8kg (2.2lbs)	1.4kg (3lbs)	1.6kg (3.5lbs)	3kg (6.6lbs)

Antenna Radiation Pattern



Order Codes

ANTUDP400-C (Frequency)	Half Wave Whip Antenna, Specified Freq, 2dBi Gain, 0.6m (23.7"), N Type female, mounting bracket included
ANTBU3-400 (Frequency)	Colinear Antenna, Specified Freq, 5dBi Gain, 1.7m (5.5'), N Type female
ANTBU6-400 (Frequency)	Colinear Antenna, Specified Freq, 8dBi Gain, 3.1m (10.2'), N Type female
ANTYU3-400 (Frequency)	Directional Yagi Antenna, Specified Freq, 6dBi Gain, 0.6m (1.9'), N Type female coax tail, mounting bracket included
ANTYU6-XXX (410,435,465)	Directional Yagi Antenna, Center Freq = XXX, 9dBi Gain, 1.2m (3.9'), N Type female coax tail, mounting bracket included
ANTYU9-XXX (410,435,465)	Directional Yagi Antenna, Center Freq = XXX, 12dBi Gain, 1.6m (5.2'), N Type female coax tail, mounting bracket included
ANTYU16-XXX (410,435,465)	Directional Yagi Antenna, Center Freq = XXX, 16dBi Gain, 2.4m (7.8'), N Type female coax tail, mounting bracket included

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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**

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