

Y2400-18EL Yagi Antenna

Antenna for use with ELPRO 2.4 GHz products



Description

The Y2400-18EL is an 18 dBi ground-independent Yagi antenna suitable for the ELPRO 2.4 GHz product range. The antenna is vertically polarized with a directional radiation pattern, and is of aluminum construction with an ultra-violet (UV) resistant PVC radome.

This antenna is DC-grounded to reduce static buildup, and is packaged with a mounting bracket.

Specifications

SPECIFICATION	DESCRIPTION
Parameters	
Frequency	2380–2520 MHz
Gain	18 dBi
Bandwidth	140 MHz at center frequency
VSWR	<1.5:1
Polarization	Mount vertical (standard) or horizontal, as application requires
H-plane	23°
E-plane	26°
F/B ratio	20 dB
Termination	
Termination	N-type female on 5.9" (150 mm) RG-58 cable
General	
Size	27.5" (700 mm)
Housing	Aluminum
Mounting	1.9" (50 mm) OD powder-coated pole, U-bolts included
Weight	4.4 lbs (2 kg)
Wind loading	9.5 lbs (4.3 kg) at 99 mph (160 km/h)

Note: Specifications are subject to change.

Ordering

PRODUCT CODE	DESCRIPTION	FREQUENCY
Y2400-18EL	Yagi antenna, N-type connector, 18 dBi gain	2380–2520 MHz

Product Compatibility

See your product data sheet for information on compatibility of the Y2400-18EL Yagi Antenna with your application.



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