

COL5810 Collinear Antenna

Antenna for use with ELPRO 5 GHz products



Description

The COL5810 Collinear Antenna is a 10 dBi ground-independent antenna suitable for the ELPRO 5 GHz product range. The antenna is vertically polarized, with an omnidirectional radiation pattern, fiberglass radome, and aluminum ferrule.

A mounting bracket is included with the antenna.

Specifications

SPECIFICATION	DESCRIPTION
Parameters	
Frequency	5725–5850 MHz
Gain	10 dBi
Bandwidth	125 MHz at center frequency
VSWR	<1.5:1 across band
Polarization	Vertical
H-plane	Omnidirectional
E-plane	8°
Termination	
Termination	N-type female on 11.8" (300 mm) of RG-58 cable
General	
Size	15.5" (395 mm)
Housing	Fiberglass radome
Mounting	Aluminum ferrule, secure to bracket with 0.5" (12.7 mm) hole and supplied locknut
Weight	0.3 lbs (0.15 kg)
Wind loading	5.1 lbs (2.3 kg) at 99 mph (160 km/h)

Note: Specifications are subject to change.

Ordering

PRODUCT CODE	DESCRIPTION	FREQUENCY
COL5810	Collinear antenna, N-type female, mounting bracket, 10 dBi gain	5725–5850 MHz

Product Compatibility

See your product data sheet for information on compatibility of the COL5810 Collinear Antenna with your application.



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