

Product datasheet

14 and 18 dB Dual Band, 2.4 & 5 GHz Wireless Platform

Product code: RFT-ENC-1418-245X-XX
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Application: External AP, Point to point, Point to multipoint for 802.11a,b and g

- Allows integration of customer's radio equipment
- Optional RF connector interfaces available (RPSMA, U-FL) for the internal antenna
- Fitted with a powerful 14 dB for 2.4 GHz and 18 dB for 5 GHz band internal antenna
- Provision for a 3rd external antenna via N-type connector (for Omni, or higher Gain Antenna)
- Maintains excellent RF performance across frequency band
- Rugged, weather proof enclosure suitable for harsh environment
- Supplied with RJ45 Ethernet Connector and splitter board for easy connectivity
- Supplied with Passive POE injector as part of the kit
- Comes with complete tilt bracket for pole mounting, for easy deployment
- Complete kit individually Boxed

Technical specification

Electrical

Frequency Band:	5125 - 5875 MHz	2400 - 2500 MHz
Gain:	19 dBi	14 dBi
Polarisation:	Vertical or Horizontal (Optional)	
3 dB Beamwidth Horizontal Plane:	17°	32°
3 dB Beamwidth Vertical Plane:	17°	32°
Front to Back Ratio:	25 dB	25 dB
Nominal Impedance:	50 Ohm	
VSWR:	1.6:1.0 max.	
Maximum Input Power:	20 W	
Connector Type for Internal Antenna:	Options: 01- RPTNC, 02 - RPSMA, 03 - U-FL Used in the model number to determine the RF interface	
Connector Type for external Antenna:	N-Type female	
Application:	Access Point, Point to Multipoint for 802.11a	

Mechanical

Size (W x H x D):	230 mm x 230 mm x 90 mm
Weight:::	800g
Operating Temperature:	-40° C to +70° C
Wind Loading:	130 mph (210 km/h)

Materials

Covering Material:	UV stabilised ABS Plastic
Colour	Grey
Mounting Method	Galvanised steel bracket set for mast or pole mounting 1.2 - 2.5 in (30 - 62 mm). Comes complete with elevation tilt angle mechanism



Enclosure with Pc-Engines WRAP Board



Enclosure with Mikrotik Routerboard



External N-Type connector and RJ45 protected ethernet connection



Tilting Bracket + U bolt and saddle for pole mounting up to 2"



Passive POE injector

Prices and specifications are subject to change without notice.

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