



Low-Profile Dual-Band WiFi Antenna

PCTEL's FMA245802UFL is a ground plane independent dual-band antenna for connected kitchen applications using WiFi technology. It has a rugged, low-profile housing suitable for both indoor and outdoor installations. The antenna is an inverted F type monopole with a built-in ground plane making it ideal for a variety of mounting locations.

Features

- Ground plane independent design for maximum placement flexibility
- Dual-band performance covering 802.11 standards
- UV-stable housing rated for indoor and outdoor applications
- 3/4-inch through hole or bracket mount
- Integrated cable assembly with U.FL connector



FMA245802UFL

STANDARD CONFIGURATION

Model	Connector	Mount
FMA245802UFL	U.FL connector on integrated 10" coax	Screw type mount using provided holes

ELECTRICAL SPECIFICATIONS

Frequency Range	Gain	VSWR	Nominal Impedance	Polarization	Azimuth Half Power Beamwidth	Elevation Half Power Beamwidth
2.4-2.5 GHz / 5.1-5.9 GHz	3.5 / 5 dBi *	< 2.0:1	50 ohms	Vertical, linear	360°	37° / 30°

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight	Ingress Protection	Temperature Range
76 x 26 x 16 mm	0.11 lbs (50 g)	IP67**	-40°C to +85°C

* When measured on a 2ft diameter ground plane
 ** When installed on an IP67 rated sealed enclosure