

ITE-PAT5023DP ALU-M



DESCRIPTION:

Carrier grade directional flat panel antenna. 2x2 MIMO great for PtP links in high interference locations. Aluminum enclosure shields your radio from outside noise.

TYPICAL APPLICATIONS:

- Any Dual Band radios on 5 GHz
- Also available with Small and Large aluminum enclosures.
- Aluminum Shielding for electronic components.



Antenna Information	
Key Features	<ul style="list-style-type: none"> • 2x23 dBi Directional Gain • Dual Polarization H&V in One Case • Microstrip Laminate Made by Rogers • Outdoor Weatherproof Enclosure • High Quality Construction • Heavy-Duty Mounting Elements • Easy Elevation and Tilt Adjustment • 5 Years Warranty • Designed for All Weather Operation
Applications	<ul style="list-style-type: none"> • 5 GHz Band Wireless LAN • IEEE 802.11a WLAN Systems • 802.11n/MIMO standard • Point to Point Applications
Antenna Specs	
Electrical Properties	<ul style="list-style-type: none"> • Frequency range 5.1 - 5.9 GHz • Gain 2x23 dBi • Polarization H&V • Beam width horizontal 10° • Beam width vertical 10° • VSWR < 2 • Impedance 50 ohm • Front to back ratio > 40 dB • Port isolation > 35 dB
Mechanical Properties	<ul style="list-style-type: none"> • Connector 2x N female • Windload 150 km/h • Mounting pole Φ 5 cm / 1.96" • RoHS Compliant Yes
Enclosure Properties	<ul style="list-style-type: none"> • Antenna Radome UV protected PVC • Color White • Radio Enclosure Aluminum • 265 x 265 x 54 mm 1.91 KG • Antenna plus Aluminum enclosure 348x348x86mm/13.7x13.7x3.38 • Weight 3.17 kg / 6.98 lbs • Temperature range -40 +80°C / -40 +176°F • Lightning protection DC ground

