

PA-2408 | PA-2410 | PA-2412 |

PA-2416 | PA-2418

2.4GHz Panel Antenna

This panel antenna delivers extended access point range in a single floor environment ideally positioned in the corner of a building. It functions from point-to-point so that you can wirelessly connect LANs between the buildings in a campus-type environment. It provides multiform transmission when placed on a ceiling, as the higher power output extends the range through typical flooring materials.







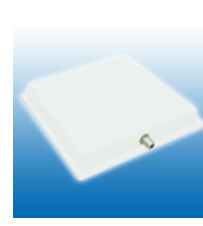
Features

- Designed for long distance wireless communications
- Mounts easily for outside applications
- Designed to obtain maximum gain
- Made with weatherproof and corrosion resistant material

Application

- 2.4GHz-2.5GHz ISM Band
- IEEE 802.11b, 802.11g, 802.11n Wireless LAN
- Directional and multipoint applications
- Bluetooth · Wi-Fi · RFID
- Public Wireless Hotspot
- Wireless Video Systems

Specifications

					
Model	PA-2408	PA-2410	PA-2412	PA-2416	PA-2418
Frequency	2400 - 2483MHz	2400 - 2483MHz	2400 - 2483MHz	2400 - 2483MHz	2400 - 2483MHz
Gain	8 dBi	10 dBi	12 dBi	16 dBi	18 dBi
Antenna Type	Collinear	Collinear	PCB patch	PCB patch	PCB patch
Polarization	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal
Beam-width (deg) Vertical & Horizontal	Vert.38° Horz.75°	Vert.38° Horz.75°	Vert.28° Horz.65°	Vert.15° Horz.62°	Vert.18° Horz.35°
V.S.W.R	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1	≤ 1.5:1
Return Loss	≥ -14db	≥ -14db	≥ -14db	≥ -14db	≥ -14db
Impedance	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm
Wind Survival	>120 MPH	>120 MPH	>150 MPH	>150 MPH	>150 MPH
Maximum Power	50W	50W	50W	50W	50W
Radome Material	ABS + UV resistance	ABS + UV resistance	ABS + UV resistance	ABS + UV resistance	ABS + UV resistance
Operating Temp.	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C
Clamps	Clamp cover	Clamp cover	Multiple option	Multiple option	Multiple option
Mounting	7-10mm	7-10mm	Multiple options	Multiple options	Multiple options
Dimension(mm)	107 * 94 * 30	107 * 94 * 30	241 * 90 * 33	450 * 130 * 30	286 * 270 * 35
Weigh	320g	300g	360g	860g	1280g
Connector	N-type / female	N-type / female	N-type / female	N-type / female	N-type / female

Ordering information

- PA-2408** 2.4GHz Panel 8dBi Antenna
- PA-2410** 2.4GHz Panel 10dBi Antenna
- PA-2412** 2.4GHz Panel 12dBi Antenna
- PA-2416** 2.4GHz Panel 16dBi Antenna
- PA-2418** 2.4GHz Panel 18dBi Antenna