



ITE-PAT5023DP

Key Features:

- 2x23 dBi Directional Gain
- Dual Polarization H&V in One Case
- Outdoor Weatherproof Enclosure
- High Quality Construction
- Heavy-Duty Mounting Elements
- Easy Elevation and Tilt Adjustment
- 5 Years Warranty
- Designed for All Weather Operation



Applications:

- 5 GHz Band Wireless LAN
- IEEE 802.11a WLAN Systems
- 802.11n/MIMO standard
- Nstreme dual configuration
- Point to Point Applications

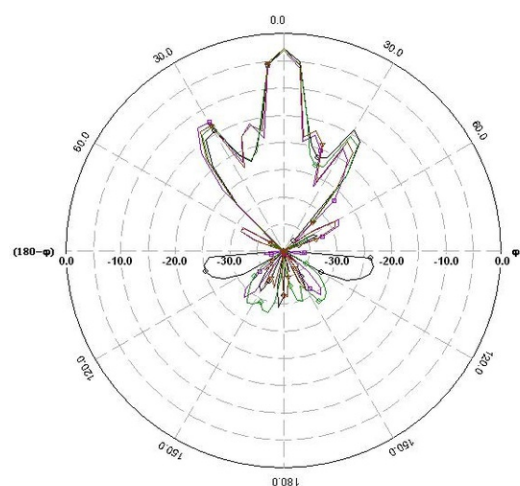
Description:

Antenna working in 5 GHz band with two independent directional panel antennas with 23 dBi gain with vertical and horizontal polarization. It is the ideal solution for MIMO and Nstreme dual configuration. Perfectly designed for operation under severe weather conditions. Proper materials allow operation in the salty water environment without corrosion. High quality construction of pole mounting elements guarantee easy elevation and easy tilt down as well as rock-stable operation. It can be used as customer premise equipment and also as small base stations.

Electrical Properties	
Frequency	5.1- 5.9 GHz
Gain	2x23 dBi
Polarization	dual H&V
Beamwidth deg horizontal	9°
Beamwidth deg vertical	9°
VSWR	<1.8
Impedance	50 ohm
Port Isolation	> 40 dB
Enclosure Properties	
Technology:	Microstrip
Material:	UV protected
Colour:	White
Min temperature:	-40°C / -40°F
Max temperature:	80°C / 176°F
Mechanical Properties	
Input Connector	N-type / female
Outside Dimensions	345x345x20mm / 13.6x13.6x0.8"
Weight	1.3kg / 2,9lbs

Specification subject to change without notice.

—○— f=5.8(GHz), E-theta, phi=0 (deg), PG=-2.86489 dB, AG=-17.1487 dB
 —■— f=5.8(GHz), E-theta, phi=90 (deg), PG=-3.16075 dB, AG=-17.5239 dB
 —▲— f=5.8(GHz), E-phi, phi=0 (deg), PG=-3.16075 dB, AG=-17.4219 dB
 —▼— f=5.8(GHz), E-phi, phi=90 (deg), PG=-2.86489 dB, AG=-17.2972 dB



—○— f=5.55(GHz), E-theta, phi=0 (deg), PG=-3.08194 dB, AG=-17.2432 dB
 —■— f=5.55(GHz), E-theta, phi=90 (deg), PG=-2.93982 dB, AG=-17.4482 dB
 —▲— f=5.55(GHz), E-phi, phi=0 (deg), PG=-2.93982 dB, AG=-17.1952 dB
 —▼— f=5.55(GHz), E-phi, phi=90 (deg), PG=-3.08194 dB, AG=-17.3986 dB

