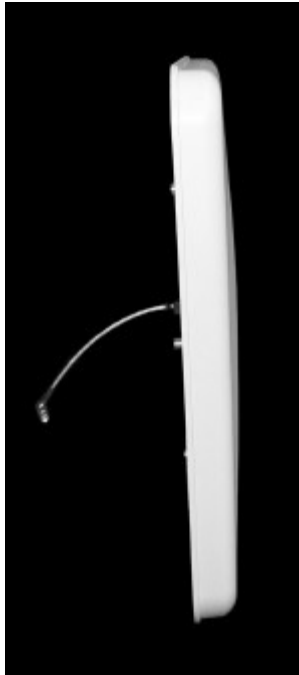


TA-5206WL Integrated Panel

5250-5350 & 5725-5875 MHz



The TA-5206WL is a vertically or horizontally polarized directional panel antenna designed to mount to a radio base of specific dimensions. The antenna complies with the ETSI EN 302 085 V1.1.2 Section 6.1 TS3 standard. The antenna consists of a broadband array inside a UV stabilized ASA radome for superior weatherability. The antenna is at DC ground to aid in lightning protection.

Electrical Specifications

Frequency Range: 5250-5350 & 5725-5875 MHz
Gain: 23.5 +/- 0.5 dBi @ 5725-5875 MHz (excl. pigtail)
 22.5 +/- 0.5 dBi @ 5250-5350 MHz (excl. pigtail)
VSWR: 1.5:1
Front to Back Ratio: 30 dB min.
Polarization: Vertical or Horizontal
Power Rating: 10 Watts
H-Plane Beamwidth: 9.5 degrees
E-Plane Beamwidth: 9 degrees
Cross Pol. Discrimination: 20 dB min.
Impedance: 50 ohms nominal
Termination: SMA Right Angle Plug

Specifications may vary with different radio enclosures.
 Specifications subject to change without notice

Mechanical Specifications

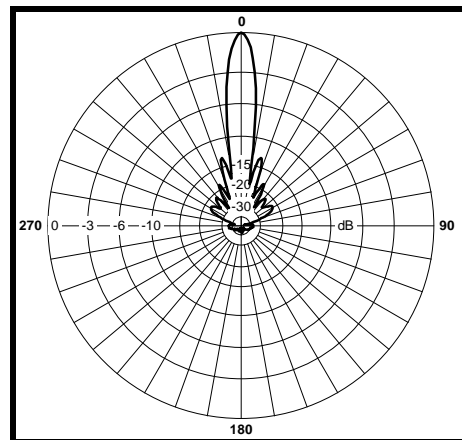
Length: 12 in. (304.8 mm)
Width: 12 in. (304.8 mm)
Depth: 1.5 in. (38.1 mm)
Weight: 2 lb. (0.91 kg)
Pig-Tail Length: 6 in. (152.4 mm)

Note: Contact the factory for details pertaining to mechanical integration with a specified radio.

Materials

Radiating Elements: Plated Copper on PCB
Radome: Gray UV stabilized ASA
Reflector: Irridited Aluminum

H-Plane



E-Plane

