

PLPI-TETRA-

1-Band | 1-Port | Patch Antenna | Linear Polarization | 80° | 380..470 MHz | 7.0 dBi | SISO | Indoor

Indoor linearly polarized Patch Antenna for mounting on Wall or Ceiling

- Low-profile antenna for the 380-470 MHz band
- Patch antenna for indoor use
- Specially designed for closed rooms
- Covers 50 MHz with a radiation of approximately 7 dBi
- The antenna is carefully sealed with a discreet cover
- The connector is placed at one side to enable mounting close to a wall or ceiling
- Includes mounting bracket
- Connection also available on back side (see overleaf)



Ordering Options			
Type	Connector Location	Frequency Range	Product Number
PLPI-TETRA-s-f	Side Connector	380-430 MHz	100000423
PLPI-TETRA-l-h	Side Connector	430-470 MHz	100000445
PLPI-TETRA-s-f-BC	Back Connector	380-430 MHz	100000581
PLPI-TETRA-l-h-BC	Back Connector	430-470 MHz	TBD
Accessories			Product Number
PATCH-WAMO	Refer to Mounting Details		100000511



This model is available in the iBwave In-Building Network Components Database - www.ibwavecomponents.com

Electrical Characteristics	
Frequency Range	380-470 MHz covered by two models
Polarization	Linear
Half Power Beamwidth - H-Plane	Approx. 80°
Half Power Beamwidth - E-Plane	Approx. 80°
Gain	Approx. 7.0 dBi
Bandwidth	≥ 50 MHz
Impedance	Nom. 50Ω
SWR	≤ 2
Intermodulation	Not Rated
Maximum Input Power	100 Watts
Connector	N-Type Female
Antistatic Protection	All metal parts DC-Grounded (Connector shows a DC-Short)

Mechanical Characteristics		
Dimensions (approximate)	Length: 345 mm (13.6 in) Width: 345 mm (13.6 in) Height: 60 mm (2.4 in)	
Weight	2.3 kg (5.1 lbs)	
Temperature Range	-30° C to +75° C (-22° F to +167° F)	
Colour	Marine White	
Materials	Cover	ABS White
	Chassis	Aluminium
Mounting	For mounting on wall or ceiling. Ø5 mm (0.2 in). Three holes. See mounting details.	

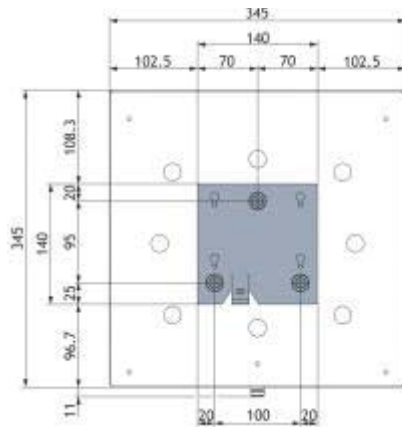
Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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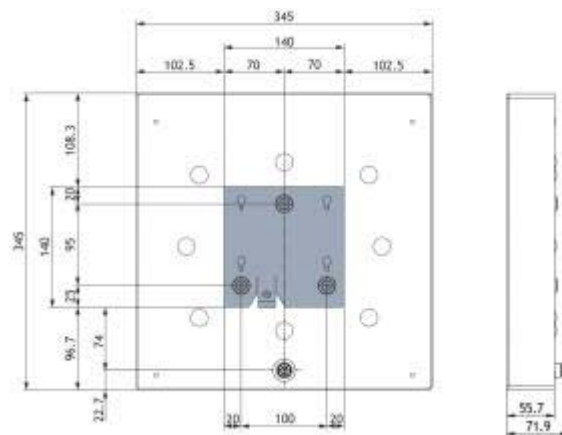
MOUNTING DETAILS Side Connector

Wall Mounting Bracket Included



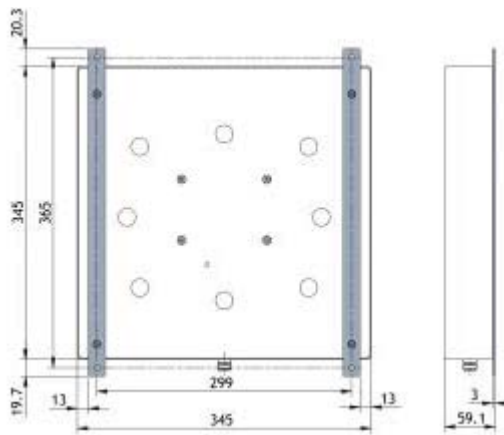
MOUNTING DETAILS Back Connector

Wall Mounting Bracket Included

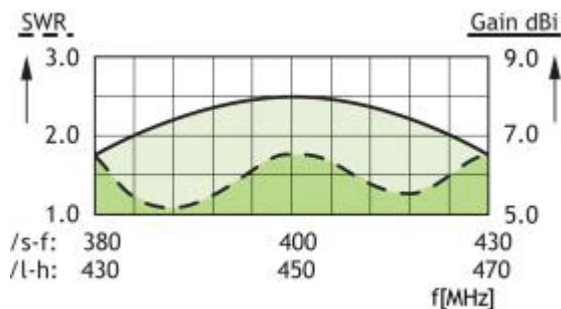


MOUNTING DETAILS PATCH-WAMO

This kit is ordered separately



TYPICAL GAIN and SWR CURVES



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