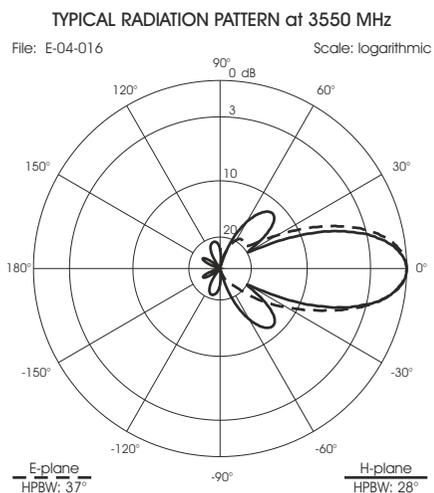
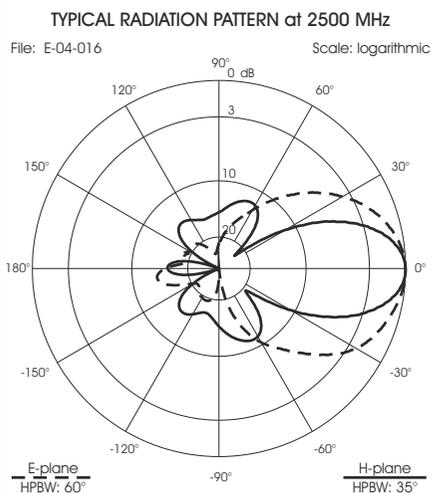
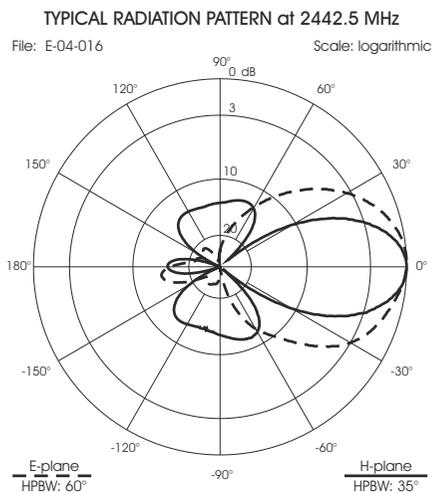
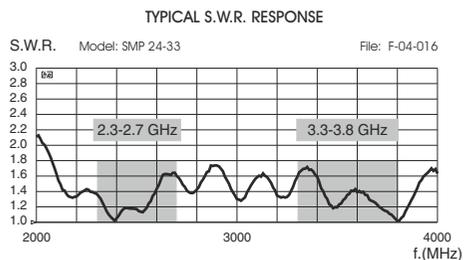


# SMP 24-33

Indoor-Outdoor Directional Multi-Band Antenna  
(WLAN 2.4, LTE 2.3-2.7, LTE 3.3-3.8)



## DESCRIPTION

Very compact directional dual-band base station antenna for indoor or outdoor use conceived for LTE and W-LAN systems working on 2.3-2.7 GHz and 3.3-3.8 GHz  
The radiant element is made on a PCB and it is protected by a thermoplastic UV-stabilized radome to get the best performance for long life. It is suitable for an easy and quick installation on the mast or on the wall.

## SPECIFICATIONS

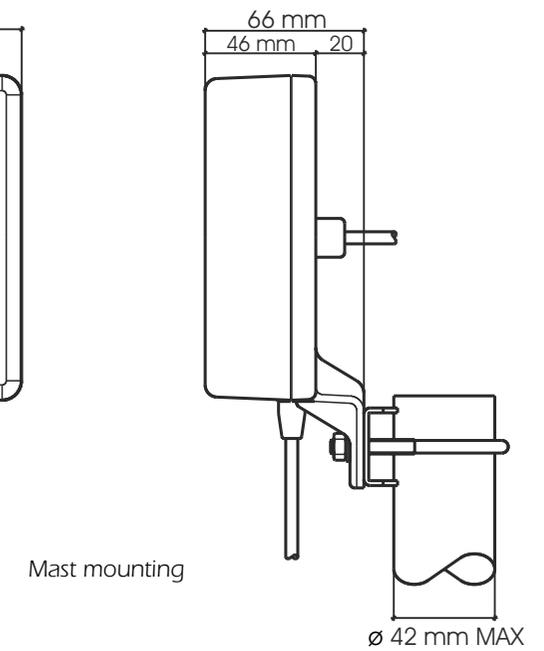
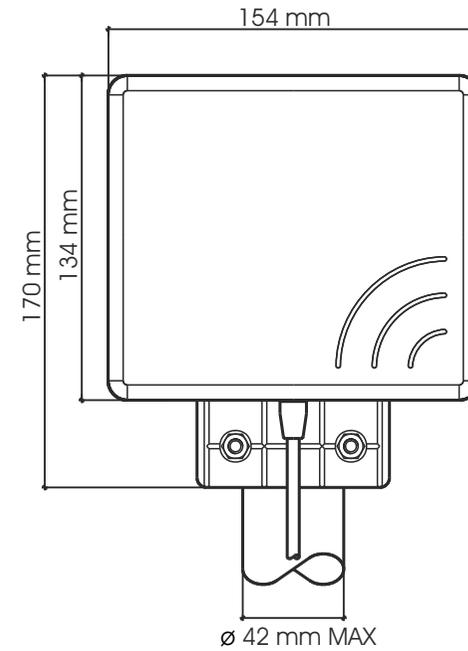
### Electrical Data

Type	Mini panel antenna
Frequency Range	2.3 - 2.7 GHz & 3.3 - 3.8 GHz @ SWR ≤ 1.8
Impedance	50 Ω
Half Power Beam Width	see Typical Radiation Patterns
Polarization	Linear Vertical
Gain	10 dBi @ 2.3-2.7 GHz 13 dBi @ 3.3-3.8 GHz
Front to back ratio	≥ 15 dB @ 2.3-2.7 GHz ≥ 20 dB @ 3.3-3.8 GHz
Max Power	6 Watts (CW) @ 30°C ambient
Cable Type / Length	White Low Loss / 30 cm
Connector	SMA-male (other type on request, acc min q.ty)

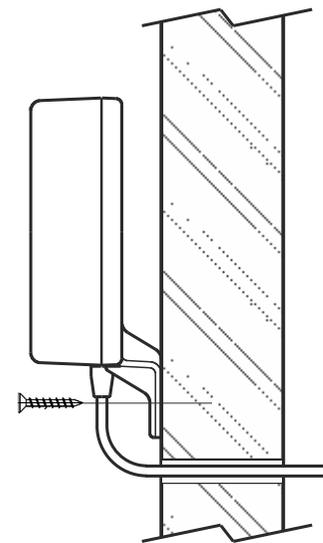
### Mechanical Data

Materials	RAL 7035 Light Grey thermoplastic UV stabilized, galvanized steel
Wind Load @150 km/h	40 N
Wind Resistance	180 Km/h
Wind Surface	0.02 m <sup>2</sup>
Operating temperature	-20°C to + 80°C
Dimensions (approx.)	154 x 134 x 46 mm without bracket
Weight (approx.)	420 gr
Installation Type	Mast: Ø25-42 mm with U-bolt (included) Wall: mounting screw (not included)

## MOUNTING INSTRUCTIONS



Mast mounting



Wall mounting  
(screws not included)



Optional tilting bracket  
Mast: Ø 35-50 mm with clamp included  
Wall: with mounting screws (not included)



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