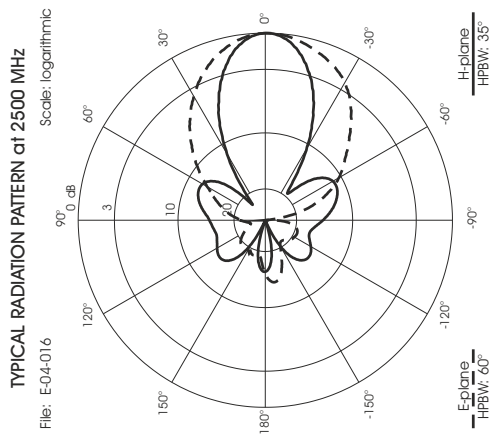
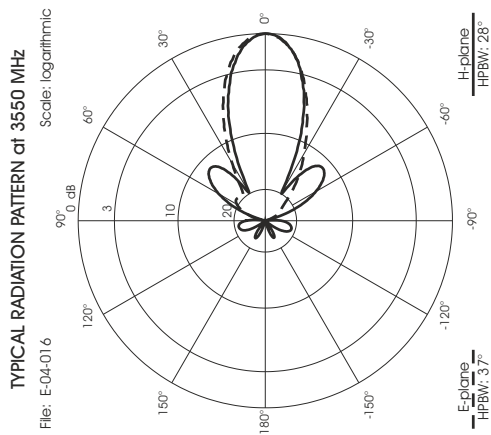
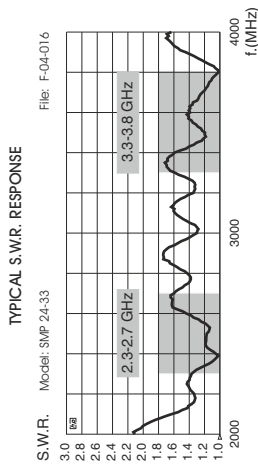
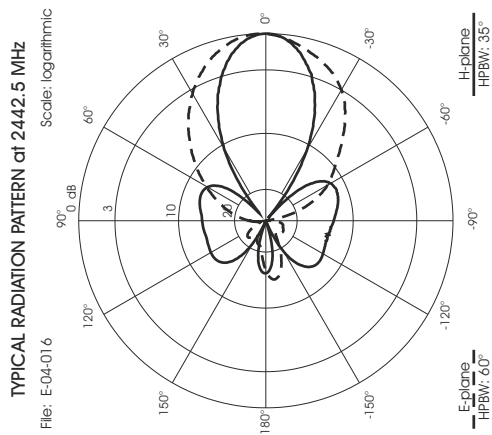


SMP 24-33

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 Wi-LAN systems working on 2.3-2.7 GHz and 3.3-3.8 GHz. The radiating 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.

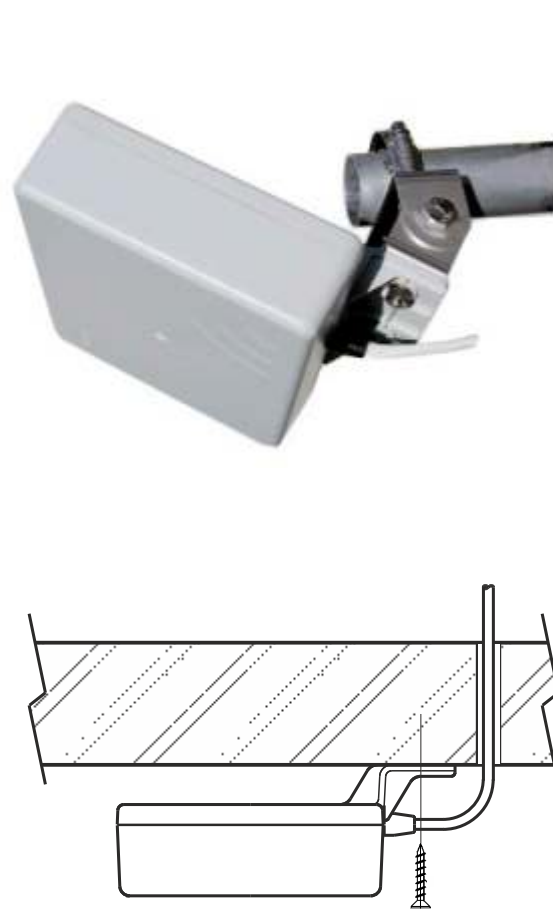
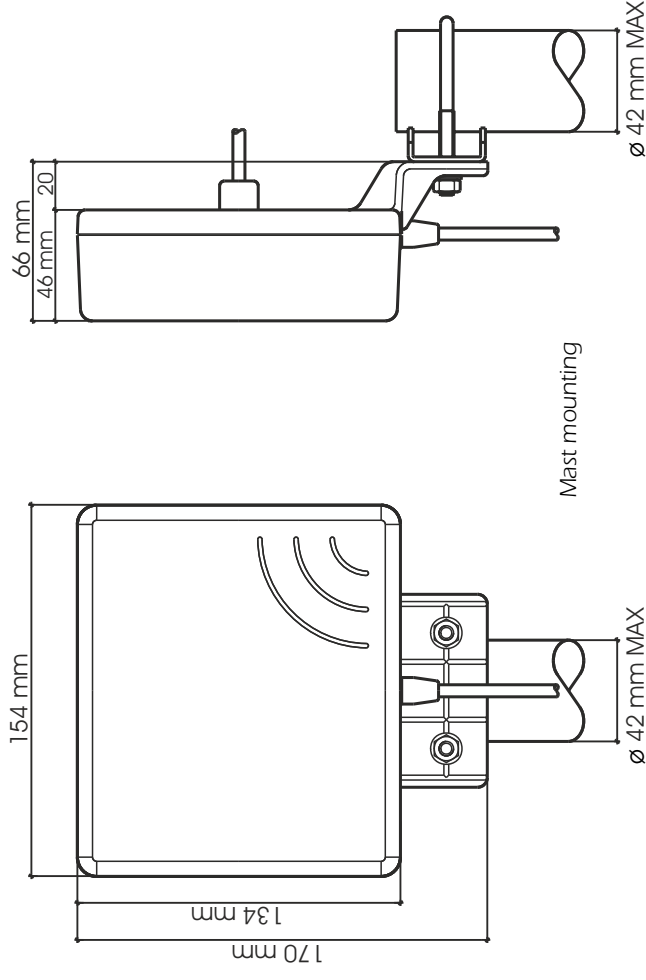
SPECIFICATIONS

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 qty)

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 ²
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



Wall mounting
(screws not included)

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