

SMP 4G LTE
Indoor-Outdoor Compact Directional Multi-Band
(790-960 MHz & 1.71-2.7 GHz for 4G - LTE , WLAN 2.4)



MAIN FEATURES

- Very compact directional panel antenna
- Suitable for indoor and outdoor use
- Working on 4G LTE
- Easy and quick installation on the mast or on the wall
- Fully designed & Manufactured in Italy

SPECIFICATIONS

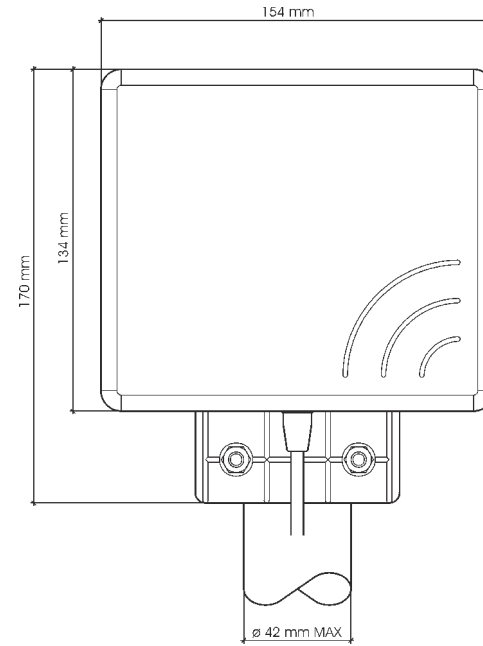
Electrical Data

| | | |
|-----------------------|---|--------------------------------|
| Type | Directional mini panel wideband | |
| Frequency Range | 790-960 MHz & 1710-2700 MHz @ SWR ≤ 2 | |
| Impedance | 50 Ω | |
| Half Power Beam Width | see Typical Radiation Patterns | |
| Polarization | Linear Vertical | |
| Gain | LTE 800 & GSM | 6+7 dBi @ 790-960 MHz; |
| | DCS | 9 dBi @ 1710-1880 MHz; |
| | UMTS | 9 dBi @ 1920-2170 MHz |
| | LTE & WLAN | 8+9 dBi @ 2300-2700 MHz |
| Front to back ratio | LTE 800 & GSM | ≥ 12 dB @ 790-960 MHz; |
| | DCS | ≥ 16 dB @ 1710-1880 MHz; |
| | UMTS | ≥ 20 dB @ 1920-2170 MHz |
| | LTE & WLAN | ≥ 10 dB @ 2300-2700 MHz |
| Max Power @ 30°C | LTE 800 & GSM | 30 Watts (CW) @ 790-960 MHz; |
| | DCS | 15 Watts (CW) @ 1710-1880 MHz; |
| | UMTS | 10 Watts (CW) @ 1920-2170 MHz |
| | LTE & WLAN | 10 Watts (CW) @ 2300-2700 MHz |
| Cable Type / Length | 50 Ω LOW LOSS / 30 cm (other length on request) | |
| Connector | SMA-male (other type on request) | |

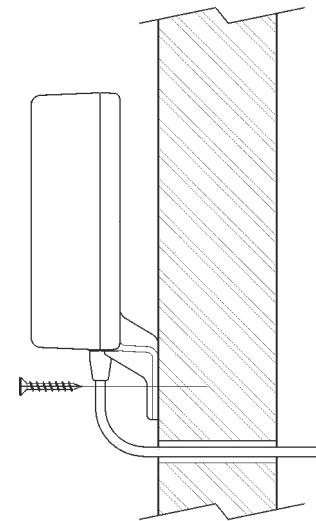
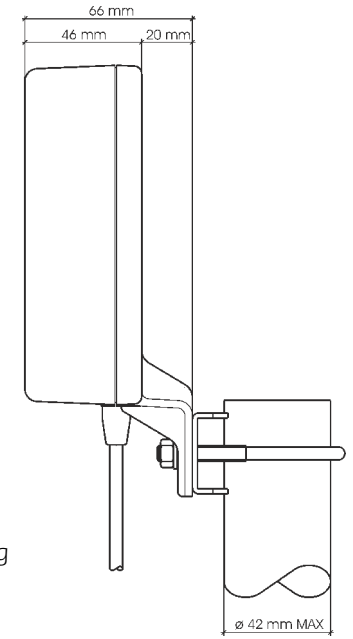
Mechanical Data

| | | |
|-----------------------|---|--|
| 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 | -40°C to + 80°C | |
| Dimensions (approx.) | 154 x 134 x 46 mm without bracket | |
| Weight (approx.) | 500 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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HI-QUALITY ANTENNAS MADE IN ITALY