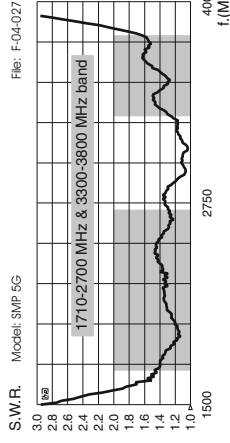


SMP 5G

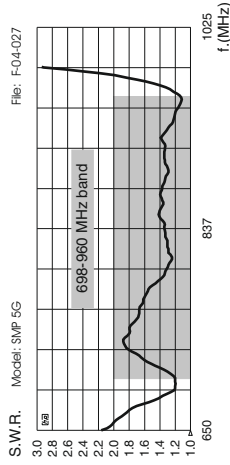
Indoor-Outdoor Compact Directional Multi-Band

(698-960 MHz & 1.71-2.7 GHz 3.3-3.8 GHz for 5G - LTE , WLAN 2.4)

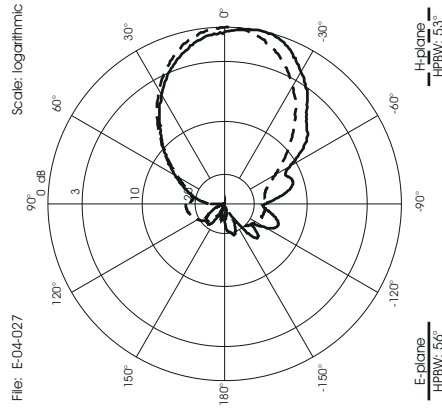
TYPICAL S.W.R. RESPONSE



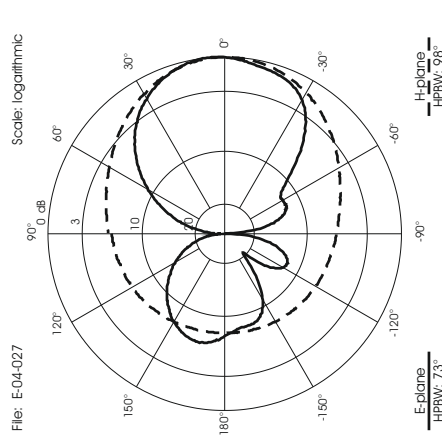
TYPICAL S.W.R. RESPONSE



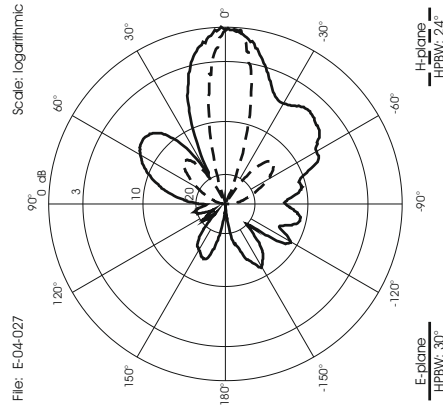
TYPICAL RADIATION PATTERN at 2045 MHz



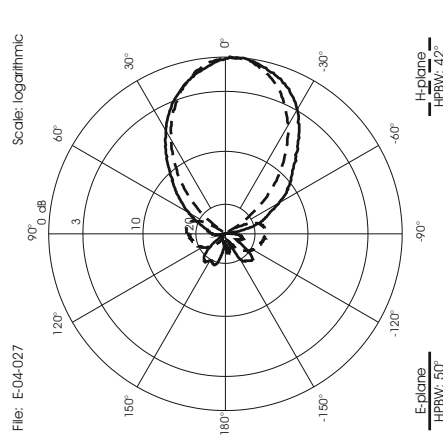
TYPICAL RADIATION PATTERN at 744 MHz



TYPICAL RADIATION PATTERN at 3550 MHz



TYPICAL RADIATION PATTERN at 2500 MHz



MAIN FEATURES

- Very compact directional panel antenna
- Working on 5G frequency spectrum
- Suitable for indoor and outdoor use
- Easy and quick installation on the mast or on the wall
- Fully designed & Manufactured in Italy
- Product with PATENT PENDING

Installation Manual

SPECIFICATIONS

Electrical Data

Type	Directional mini panel wideband
Frequency Range	698-960 MHz & 1710-2700 MHz & 3300-3800 MHz @ SWR ≤ 2
Impedance	50 Ω
Half Power Beam Width	see Typical Radiation Patterns
Polarization	Linear Vertical
Gain	4-6 dBi @ 698-960 MHz; 9-10 dBi @ 1710-2170 MHz; 11-12 dBi @ 2300-2700 MHz; 11-12 dBi @ 3300-3800 MHz;
Front to back ratio	≥ 4 dB @ 698-960 MHz; ≥ 13 dB @ 1710-2170 MHz; ≥ 30 dB @ 2300-2700 MHz; ≥ 12 dB @ 3300-3800 MHz;
Max Power @ 30°C	35 Watts (CW) @ 698-960 MHz; 35 Watts (CW) @ 1710-2170 MHz; 25 Watts (CW) @ 2300-2700 MHz; 20 Watts (CW) @ 3300-3800 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.)	400 gr
Installation Type	Mast: Ø25-42 mm with U-bolt (included) Wall: mounting screw (not included)

MOUNTING INSTRUCTIONS

