PRO 2.5-001HD/TSV50/...

50 cm Parabolic Antenna for the 2.5 GHz Band with Housing for Electronic Equipment

DESCRIPTION

- Completely assembled parabolic antenna with housing for electronic equipment.
- Ideal for fixed links and point-to-multipoint applications, e.g. RLAN, video link etc.
- The 2.5 GHz band covered in two models.
- Approx. 17 dBd gain.
- Approx. 15° half-power beam width.
- 48 cm parabolic dish with F/D: 0.4.
- Feeding arrangement in PCB technology.
- The antenna is carefully sealed with a radome of outdoor quality plastic.
- The antenna is terminated with an SMA (female) connector (inside the equipment housing).
- The housing is provided with N (female) connector for the downlead cable.
- Heavy-duty stainless steel mast mounting bracket integrated on the housing.
- Bracket adjustable in azimuth (±10°) as well as elevation (±26°).
- For mounting on 50 115 mm mast tubes.







ORDERING DESIGNATIONS

TYPE	PRODUCT NO.	FREQUENCY
PRO 2.5-001HD/TSV50/I	150000067	2300 – 2500 MHz
PRO 2.5-001HD/TSV50/h	150000069	2500 – 2700 MHz

SPECIFICATIONS

ELECTRICAL MODEL PRO 2.5-001HD/TSV50/ ANTENNA TYPE Parabolic dish antenna FREQUENCY I: 2300 − 2500 MHz h: 2500 − 2700 MHz IMPEDANCE Nom. 50 Ω POLARIZATION Vertical GAIN Approx. 19 dBi 17 dBd BANDWIDTH 200 MHz SWR ≤ 1.5 MAX. POWER 10 W MECHANICAL CONNECTION Antenna: SMA (female) (inside housing) Housing: N (female) (for connection of downlead cable) WIND Approx. 0.25 m² SURFACE WIND LOAD Approx. 316 N @ 160 km/h COLOUR Radome: Light grey Housing, brackets: Grey MATERIALS Parabolic dish: Aluminium Feeding system: Brass and glass epoxy PCB Housing: Glass reinforced plastic Brackets: Stainless steel DIMENSIONS Diameter, dish: 480 mm Depth: (approx.) 400 mm (incl. housing) Housing (H x W x D) outside: 220 x 170 x 150 mm inside: 190 x 135 x 120 mm WEIGHT Approx. 10 kg	SPECIFICATIONS		
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7 pp. 6 m. 20 mg	WEIGHT	Approx. 10 kg	
MOUNTING Mast mounting with supplied bracket on 50 - 115 mm mast tube	MOUNTING		



PROCOM France S.A.R.L. se réserve le droit d'améliorer les spécifications sans préavis. 16/11/11