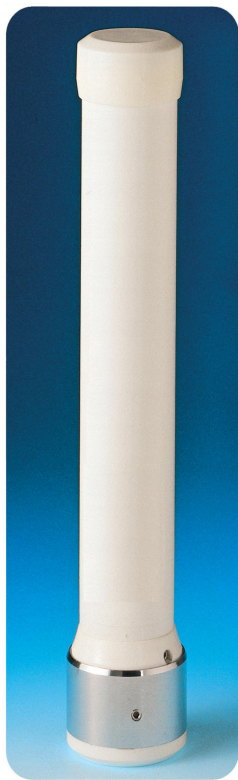


GPS/Iridium-FME

Lightweight Circularly Polarized Quadrifilar Helix for Mast Mounting

DESCRIPTION

- Passive quadrifilar helix antenna for fixed installation.
- Covering GPS and Iridium band: 1575 and 1616 - 1626.5 MHz.
- Right-hand circularly polarized antenna (RHCP).
- The circularly polarized antenna minimizes the fading effect often encountered in environments with reflecting obstacles.
- Suitable for mounting on 1" threaded water pipe.
- Comprehensive range of accessory mounting brackets available to make the perfect installation for your specific needs.



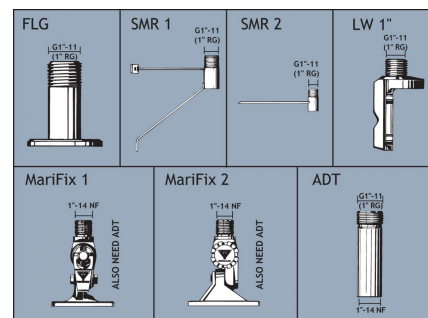
ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
GPS/Iridium-FME	112000050

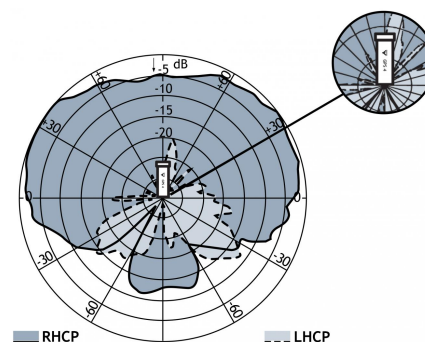
SPECIFICATIONS


ELECTRICAL	
MODEL	GPS/Iridium-FME
ANTENNA TYPE	Passive quadrifilar helix antenna
FREQUENCY	1575 - 1650 MHz
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Circular right-hand
COVERAGE	Hemispherical
GAIN	Approx. 2 dBic 0 dBd
BANDWIDTH	75 MHz
SWR	≤ 2.0
MAX. POWER	2 W
MECHANICAL	
TEMP. RANGE	-30°C → +70°C
CONNECTOR	FME (male)
WIND SURFACE	Approx. 0.0072 m ² / 0.08 feet ²
MAX. WIND SPEED	200 km/h / 124.3 miles/h
WIND LOAD	Approx. 9.6 N @ 150 km/h / 93.2 miles/h
COLOUR	Marine white
MATERIALS	Shroud: Weather resistant low loss plastic
TOTAL HEIGHT	Approx. 23 cm / 9.1 in
ANTENNA DIA.	33 mm / 1.3 in
WEIGHT	Approx. 140 g / 0.31 lb
MOUNTING	On 1" threaded water pipe or on PROCOM 1" mounting brackets (see below)

ACCESSORIES (to be ordered separately)



VERTICAL RADIATION PATTERN




 PROCOM France S.A.R.L. se réserve le droit d'améliorer les spécifications sans préavis.
 18/09/13