

## GPS/Iridium-FME

### Lightweight Circularly Polarized Quadrifilar Helix for Mast Mounting

- Passive quadrifilar helix antenna for fixed installation.
- Covering GPS and Iridium band: 1575 and 1616 - 1626.5 MHz.

#### DESCRIPTION

- 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.

#### 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

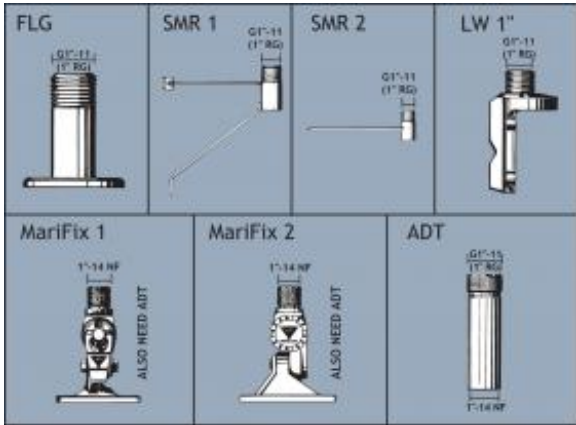


#### ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
GPS/Iridium-FME	112000050

MECHANICAL	
TEMP. RANGE	-30°C → +70°C
CONNECTOR	FME (male)
WIND SURFACE	Approx. 0.0072 m <sup>2</sup> / 0.08 feet <sup>2</sup>
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

