

QHAM 2500-RC/...

Circularly Polarised Quadrifilar Helix for Mast Mounting



DESCRIPTION:

- ★ Quadrifilar helix antenna for fixed installation.
- ★ Two models within the 2.5 GHz band covering 2300-2500 MHz and 2530-2660 MHz, respectively.
- ★ Right-hand circular polarisation (RHCP).
- ★ Ideal for “base station” receiving antenna when communicating with transmitting antenna on portable device (e.g. as receiving antenna on board a helicopter communicating with portable camera on a motor bike or situations similar to this).
- ★ The circular polarisation 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:

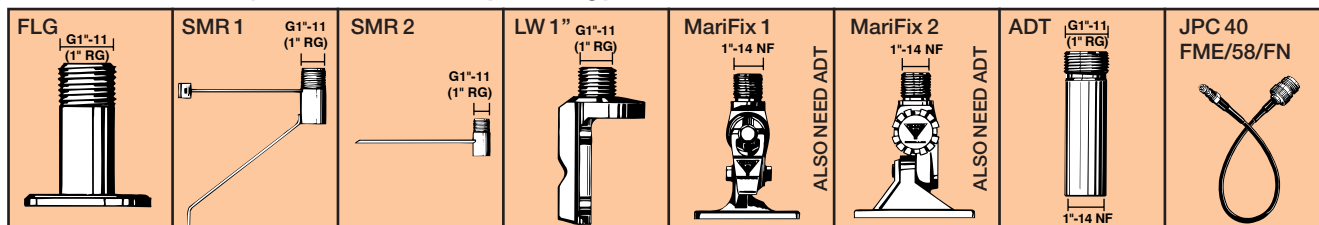
| ELECTRICAL | |
|-----------------|---|
| MODEL | QHAM 2500-RC/... |
| ANTENNA TYPE | Quadrifilar helix antenna |
| FREQUENCY | l: 2300-2500 MHz h: 2530-2660 MHz |
| IMPEDANCE | Nom. 50 Ω |
| POLARISATION | Circular right-hand |
| COVERAGE | Hemispherical |
| GAIN | Approx. 2 dBic 0 dBd |
| BAND WIDTH | 130-200 MHz (dep. on model) |
| SWR | ≤2 |
| MAX. POWER | 2 watts |
| MECHANICAL | |
| TEMP. RANGE | -30° C → +70° C |
| CONNECTOR | FME (male) |
| WIND SURFACE | Approx. 0.0072 m ² |
| MAX. WIND SPEED | 200 km/h |
| WIND LOAD | Approx. 9.6 N @ 150 km/h |
| COLOUR | Marine white |
| MATERIALS | Shroud: Weather resistant low loss plastic |
| TOTAL HEIGHT | Approx. 23 cm |
| ANTENNA DIA. | 33 mm |
| WEIGHT | Approx. 140 g |
| MOUNTING | On 1” threaded water pipe or on PROCOM 1” mounting brackets (see below) |



ORDERING DESIGNATIONS:

| FREQUENCY | TYPE NO. |
|-----------------|----------------|
| 2300 - 2500 MHz | QHAM 2500-RC/l |
| 2530 - 2660 MHz | QHAM 2500-RC/h |

ACCESSORIES: (to be ordered separately)



PROCOM A/S reserve the right to amend specifications without prior notice.