

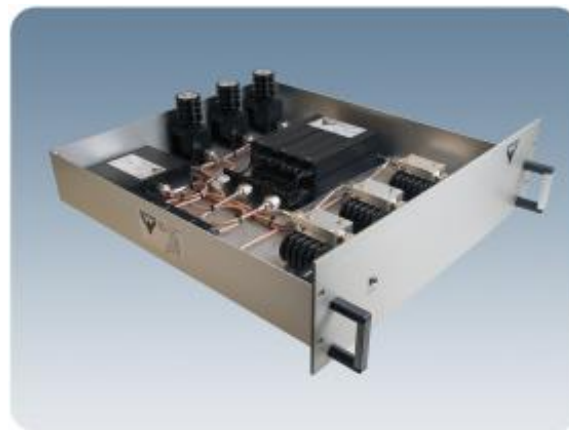
## PRO-COM150-HDAR-3/...

### 3-Channel 19" 3 HU Single Tray Combining System

- An integrated single tray combining solution housing a 3-channel hybrid TX hybrid combiner, duplex filter, active RX multicouplers and preselector.
- Minimal rack space required - only 3 HU.

#### DESCRIPTION

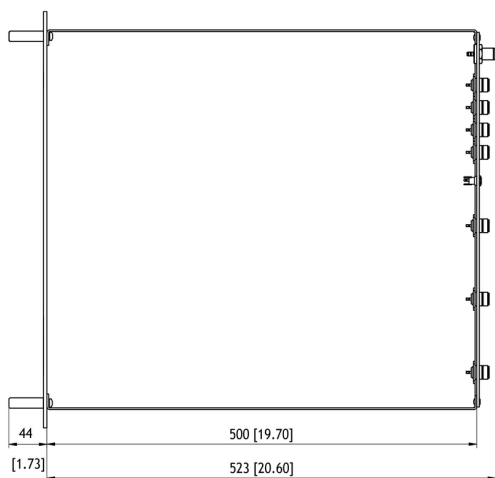
- Compatible with digital 6.25 kHz channel spacing.
- Single TX isolators fitted as standard (dual isolators available as option).
- 4 RX ports as standard.
- Please specify TX / RX frequencies when ordering.



#### ORDERING DESIGNATIONS

| TYPE  | PRODUCT NO. |
|---|-------------|
| PRO-COM150-HDAR-3/l                             | 210002050   |
| PRO-COM150-HDAR-3/h                             | 210002002   |
| PRO-COM150-BHDAR-3/l<br>(With black frontplate) | 210002340   |
| PRO-COM150-BHDAR-3/h<br>(With black frontplate) | 210002341   |
| ACCESSORIES                                     |             |
| ADAPTOR AC/DC 12V EU                            | 240000040   |
| ADAPTOR AC/DC 12V UK                            | 240000041   |

#### MOUNTING



All dimensions are given in mm [in.]

#### SPECIFICATIONS

| ELECTRICAL   |  |
|--|--|
| MODEL  | PRO-COM150-HDAR-3/...                      |
| FREQUENCY RANGE  | l: 136 - 156 MHz<br>h: 152 - 175 MHz       |
| MAX. INPUT POWER PER CH  | 50 W                                       |
| MAX. TX-TX SPACING, Δ TX   | 1.5 MHz                                    |
| MIN. TX-RX SPACING   | 4 MHz                                      |
| INSERTION LOSS - TX PATH   | < 7.0 dB                                   |
| TX-TX ISOLATION  | > 70 dB                                    |
| ANT-TX ISOLATION   | > 40 dB @ 25° C                            |
| RX ISOLATION IN TX<br>TX-TX spacing < 0.5 MHz<br>TX-TX spacing > 0.5 MHz | > 80 dB<br>> 60 dB                         |
| TX ISOLATION IN RX<br>RX-RX spacing < 0.5 MHz<br>RX-RX spacing > 0.5 MHz | > 80 dB<br>> 60 dB                         |
| RX-RX ISOLATION  | > 20 dB                                    |
| IMPEDANCE  | Nom. 50 Ω                                  |
| SWR  | ≤ 1.5                                      |
| LNA NOISE FIGURE   | < 3.5 dB                                   |
| GAIN - RX PATH   | 1 dB +/- 1 dB (factory set)                |
| CURRENT CONSUMPTION  | 500 mA @ 12 VDC                            |
| MECHANICAL   |  |
| TEMP. RANGE  | -30° C → +60° C                            |
| CONNECTORS   | N-female                                   |
| DIMENSIONS   | 19" x 3 HU - see drawing for depth of tray |
| WEIGHT   | Approx. 7.0 kg                             |

## ADAPTOR AC/DC 12V EU



## EU DECLARATION OF CONFORMITY

Hereby EU-DEKLARIERUNG declare that the product type PRO-COM150-HDAR-3/... is in compliance with EU Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at:

<http://procom.dk/images/pdf-for-catalogues/Declaration-of-Conformity-PRO-COM-HDAR.pdf>

## ADAPTOR AC/DC 12V UK

