



## PRO-COM450-HDAR-2/...

2-Channel 19

- An integrated single tray combining solution housing a 2-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).
- 2 RX ports as standard (4 ports available as option).
- Please specify TX / RX frequencies when ordering.

### ORDERING DESIGNATIONS

| TYPE                 | PRODUCT NO. |
|----------------------|-------------|
| PRO-COM450-HDAR-2/l  | 210001739   |
| PRO-COM450-HDAR-2/h  | 210001738   |
| ACCESSORIES          |             |
| ADAPTOR AC/DC 12V EU | 240000040   |
| ADAPTOR AC/DC 12V UK | 240000041   |

### SPECIFICATIONS

| ELECTRICAL               |   |
|--------------------------|---|
| MODEL                    | PRO-COM450-HDAR-2/...                       |
| FREQUENCY RANGE          | l: 340 - 400 MHz<br>h: 406 - 470 MHz        |
| MAX. INPUT POWER PER CH  | 35 W  |
| MAX. TX-TX SPACING, Δ TX | 2.0 MHz                                     |
| MIN. TX-RX SPACING       | 5 MHz                                       |
| INSERTION LOSS - TX PATH | < 5.0 dB                                    |
| TX-TX ISOLATION          | > 70 dB                                     |
| ANT-TX ISOLATION         | > 40 dB @ 25° C                             |
| RX ISOLATION IN TX BAND  | > 85 dB                                     |
| TX-TX spacing < 0.5 MHz  | > 65 dB                                     |
| TX-TX spacing > 0.5 MHz  |   |
| TX ISOLATION IN RX BAND  | > 85 dB                                     |
| RX-RX spacing < 0.5 MHz  | > 65 dB                                     |
| RX-RX spacing > 0.5 MHz  |   |
| 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 x 400 mm<br>(483 x 133 x 400 mm) |
| WEIGHT                   | Approx. 6.3 kg                              |

### ADAPTOR AC/DC 12V EU





**ADAPTOR AC/DC 12V UK**

