

# HC150-3 VHF TX Combiner

## Hybrid 3 channel VHF TX Combiner

HC150-3 series is a VHF TX hybrid combiner with single or dual isolators used for combining 3 channel VHF transmitters into one antenna with close frequency spacing.

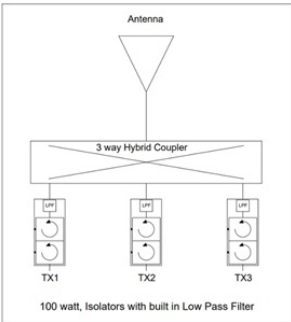
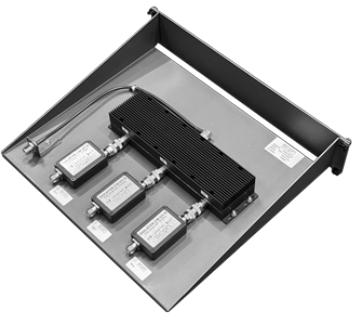
- Standard EIA 19" tray, 400 mm depth (2HU).
- Built-in low pass filter.

## ELECTRICAL SPECIFICATIONS

|                   |  |
|-------------------|--|
| Type              | VHF Hybrid TX Combiner - 3 Channels                  |
| Frequency         | L: 134 - 155 MHz<br>H: 155 - 175 MHz                 |
| VSWR              | ≤ 1.5:1  |
| Impedance         | 50 Ohm   |
| Max. Input Power  | 100 Watts (Per channel)                              |
| Insertion Loss    | Single Isolator: < 6.0 dB<br>Dual Isolator: < 6.7 dB |
| Isolation TX - TX | Single Isolator: > 50 dB<br>Dual Isolator: > 70 dB   |

## MECHANICAL SPECIFICATIONS

|                       |                                      |
|-----------------------|--------------------------------------|
| Color                 | Black gray (RAL7021)                 |
| Dimension             | 482.6 x 89.0 x 400 mm (W x H x L)    |
| Weight                | HC150-3S: 6.0 kg<br>HC150-3D: 7.2 kg |
| Connector             | Type N-female                        |
| Serial no.            | On product label                     |
| Operating temperature | -20° to +60°C                        |



## Datasheet

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## ORDERING INFORMATION

|            |  |
|------------|--|
| 55137-003L | HC150-3SL<br>134-155 MHZ 3CH x 100 W Single Isolator 2HU |
| 55137-103L | HC150-3DL<br>134-155 MHZ 3CH x 100 W Dual Isolator 2HU   |
| 55137-003H | HC150-3SH<br>155-175 MHZ 3CH x 100 W Single Isolator 2HU |
| 55137-103H | HC150-3DH<br>155-175 MHZ 3CH x 100 W Dual Isolator 2HU   |