

HC450-3 UHF TX Combiner

Hybrid 3 channel UHF TX Combiner

HC450-3 series is a UHF TX hybrid combiner with single or dual isolators used for combining 3 UHF transmitters into one antenna with close frequency spacing.

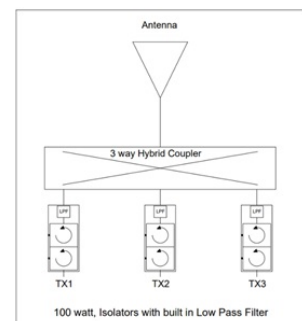
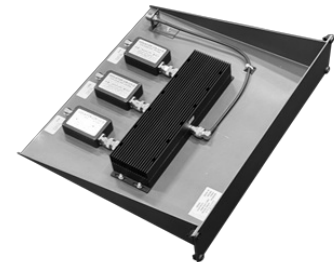
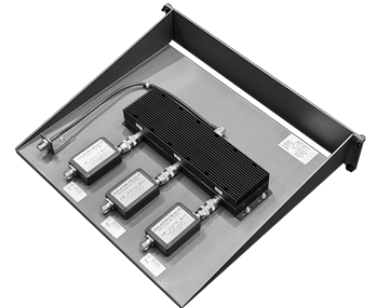
- Standard EIA 19" tray, 400 mm depth (2HU).
- Built-in low pass filter.

ELECTRICAL SPECIFICATIONS

| | |
|-------------------|---|
| Type | UHF Hybrid TX Combiner - 3 Channels |
| Frequency | T: 380 - 420 MHz L: 400- 440 MHz H: 440 - 475 MHz |
| VSWR | ≤ 1.5:1 |
| Impedance | 50 Ohm |
| Max. Input Power | 100 Watts (Per channel) |
| Insertion Loss | Single Isolator: < 6.0 dB Dual Isolator: < 6.5 dB |
| Isolation TX - TX | Single Isolator: > 50 dB Dual Isolator: > 70 dB |

MECHANICAL SPECIFICATIONS

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|-----------------------|--------------------------------------|
| Color | Black Gray (RAL7021) |
| Dimension | 482.6 x 89.0 x 400 mm (W x H x L) |
| Weight | HC450-3S: 5.2 kg HC450-3D: 5.8 kg |
| Connector | Type N-female |
| Serial no. | On product label |
| Operating temperature | -20° to +60°C |



ORDERING INFORMATION

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|------------|--|
| 55437-003T | HC450-3ST 380-420 MHZ 3CH x 100 W Single Isolator 2HU |
| 55437-103T | HC450-3DT 380-420 MHZ 3CH x 100 W Dual Isolator 2HU |
| 55437-003L | HC450-3SL 400-440 MHZ 3CH x 100 W Single Isolator 2HU |
| 55437-103L | HC450-3DL 400-440 MHZ 3CH x 100 W Dual Isolator 2HU |
| 55437-003H | HC450-3SH 340-475 MHZ 3CH x 100 W Single Isolator 2HU |
| 55437-103H | HC450-3DH 440-475 MHZ 3CH x 100 W Dual Isolator 2HU |