

HC450-2 UHF TX Combiner

Hybrid 2 channel UHF TX Combiner

HC450-2 series is a UHF TX hybrid combiner with single or dual isolators used for combining 2 UHF transmitters into one antenna with close frequency spacing.

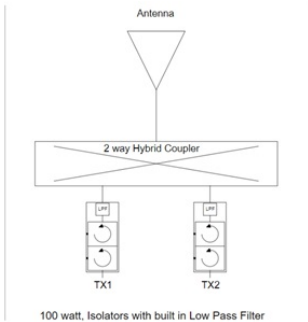
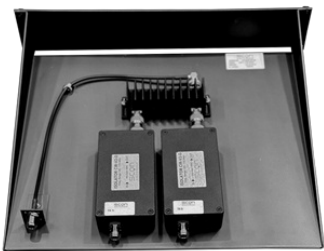
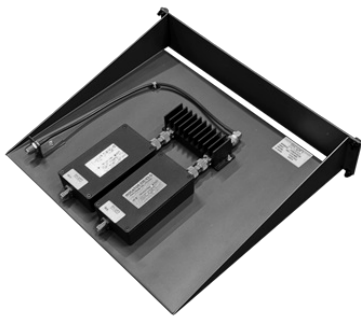
- Standard EIA 19" tray, 400 mm depth (2HU).
- Built-in low pass filter.

ELECTRICAL SPECIFICATIONS

| | |
|-------------------|---|
| Type | UHF Hybrid Combiner - 2 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: < 4.0 dB Dual Isolator: < 4.5 dB |
| Isolation TX - TX | Single Isolator: > 50 dB Dual Isolator: > 70 dB |

MECHANICAL SPECIFICATIONS

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|-----------------------|--------------------------------------|
| Color | Black Grey (RAL7021) |
| Dimension | 482.6 x 89.0 x 400 mm (W x H x L) |
| Weight | HC450-2S: 3.1 kg HC450-2D: 3.5 kg |
| Connector | Type N-female |
| Serial no. | On product label |
| Operating temperature | -20° to +60°C |



Datasheet

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ORDERING INFORMATION

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|------------|--|
| 55427-003T | HC450-2ST 380-420 MHZ 2CH x 100 W Single Isolator 2HU |
| 55427-103T | HC450-2DT 380-420 MHZ 2CH x 100 W Dual Isolator 2HU |
| 55427-003L | HC450-2SL 400-440 MHZ 2CH x 100 W Single Isolator 2HU |
| 55427-103L | HC450-2DL 400-440 MHZ 2CH x 100 W Dual Isolator 2HU |
| 55427-003H | HC450-2SH 440-475 MHZ 2CH x 100 W Single Isolator 2HU |
| 55427-103H | HC450-2DH 440-475 MHZ 2CH x 100 W Dual Isolator 2HU |