

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.

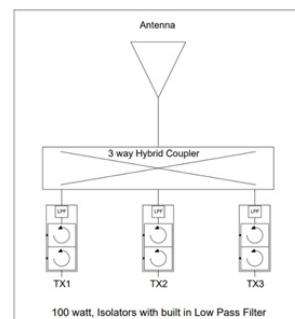
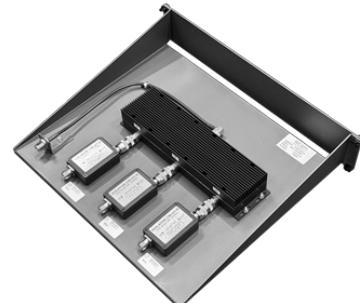
- Standard EIA19" tray, 400 mm depth (2HU).
- Built-in low pass filter.

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

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



Datasheet

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ORDERING INFORMATION

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