

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.
- No tuning required (full bandwidth)

ELECTRICAL SPECIFICATIONS

Type	UHF Hybrid TX Combiner - 3 Channels
Frequency	400 - 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

ORDERING INFORMATION

55437-003	HC450-3S 400-475 MHz 3CH x 100 W Single Isolator 2HU
55437-103	HC450-3D 400-475 MHz 3CH x 100 W Dual Isolator 2HU

