

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.

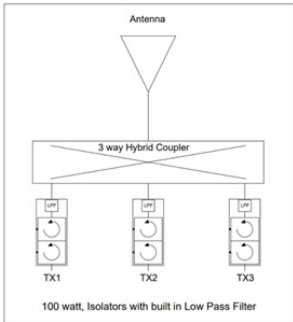
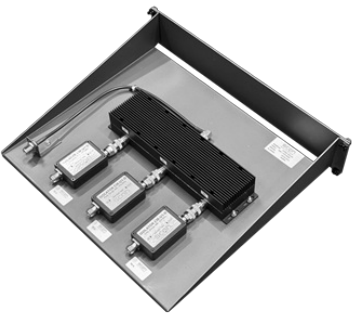
- Standard EIA 19" tray, 400 mm depth (2HU).
- Built-in low pass filter.

ELECTRICAL SPECIFICATIONS

Type	VHF Hybrid TX Combiner - 3 Channels
Frequency	L: 134 - 155 MHz 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 Dual Isolator: < 6.7 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	HC150-3S: 6.0 kg 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 134-155 MHZ 3CH x 100 W Single Isolator 2HU
55137-103L	HC150-3DL 134-155 MHZ 3CH x 100 W Dual Isolator 2HU
55137-003H	HC150-3SH 155-175 MHZ 3CH x 100 W Single Isolator 2HU
55137-103H	HC150-3DH 155-175 MHZ 3CH x 100 W Dual Isolator 2HU