HCMR450-3/CR

Hybrid 3 channel UHF TX/RX Combiner

HCMR450-3 series is a UHF TX/RX hybrid combiner with single or dual isolators used with two antennas, one RX and one TX or to be used with external duplex filter.

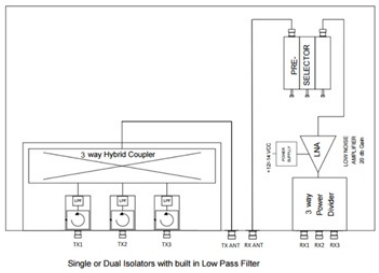
- Standard EIA 19" tray, 400 mm depth and 2HU in a closed cabinet.
- Comes with an integrated power indicating light emitting diode (LED)
- Integrated power supply, 100-240 VAC; 50/60 Hz
- Tuned to customer specified frequencies, needs to be specified when ordering
- Option: Redundant power supply can be provided!





ELECTRICAL SPECIFICATIONS

Type	Hybrid UHF TX/RX 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 (TX)	Single Isolator: < 5.8 dB Dual Isolator: < 6.1 dB
Isolation TX - TX	Single Isolator: > 50 dB Dual Isolator: > 70 dB
Isolation RX-RX	>20 dB
Bandwidth (RX)	Approx. 5 MHz (Adjustable in band)
LNA Gain	RX: 20±1.0 dB
LNA Noise Figure	< 2.0 dB
Power Supply	100-240 V; 50/60 Hz (Max. 7W)



Single or Dual Isolators with built in Low Pass Filter

Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

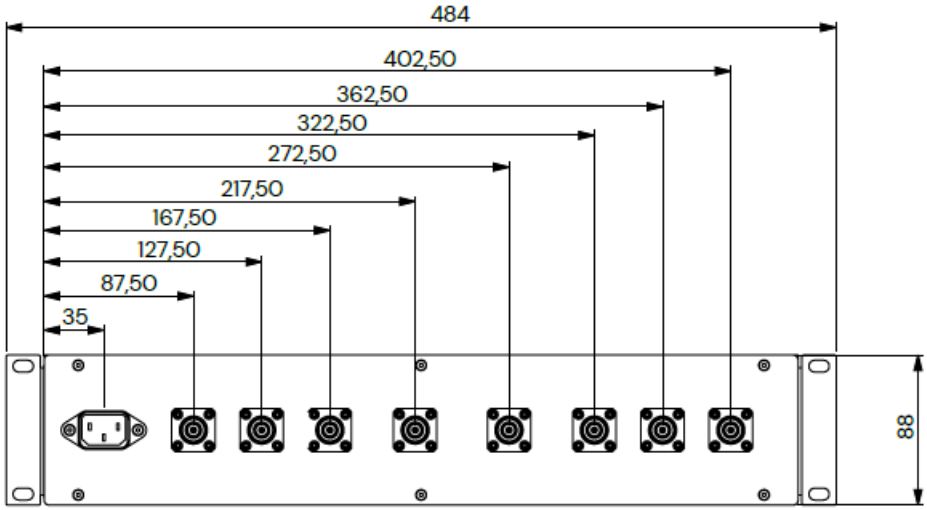
MECHANICAL SPECIFICATIONS

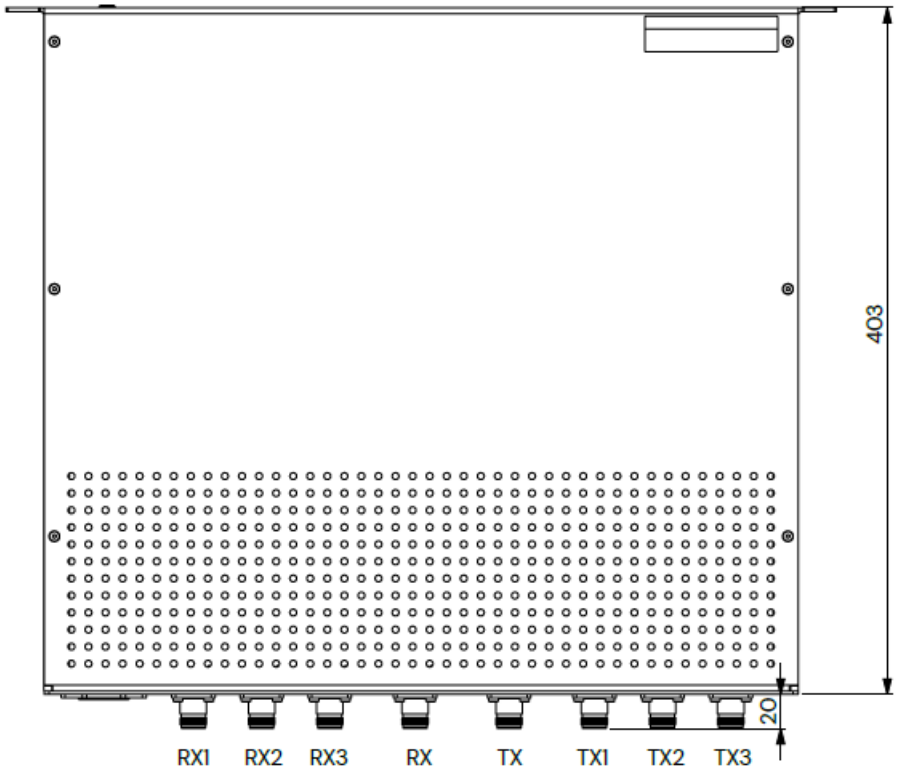
Color	Black gray (RAL7021)
Dimension	482.6 x 89.0 x 400 mm (W x H x L)
Weight	HCMR450-3S: 7.8 kg HCMR450-3D: 9.5 kg
Connector	Type N-female
Serial no.	On product label
Operating temperature	-20° to +60°C

ORDERING INFORMATION

55430-003T/CR	HCMR450-3ST 380-420 MHZ 3CH x 100 W Single Isolator 2HU
55430-103T/CR	HCMR450-3DT 380-420 MHZ 3CH x 100 W Dual Isolator 2HU
55430-003L/CR	HCMR450-3SL 400-440 MHZ 3CH x 100 W Single Isolator 2HU
55430-103L/CR	HCMR450-3DL 400-440 MHZ 3CH x 100 W Dual Isolator 2HU
55430-003H/CR	HCMR450-3SH 440-475 MHZ 3CH x 100 W Single Isolator 2HU
55430-103H/CR	HCMR450-3DH 440-475 MHZ 3CH x 100 W Dual Isolator 2HU
Note	Power cable is not included

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