

MR-2/CR VHF RX Multicoupler

VHF Receiver Multicoupler (134-175 MHz)

Scan Antenna MR-2 Receiver Multicoupler series comes as 2, 3, 4, 6 or 8 channels.

- Standard EIA 19" tray, 400 mm depth and 1HU in a closed cabinet.
- Splitter and filter based design with high isolation between receivers.
- Enables using more receivers with only one common antenna, with isolated inputs.
- Bandwidth of 3 MHz, specify frequency when ordering.
- Option: Redundant power supply can be provided!



ELECTRICAL SPECIFICATIONS

Type	VHF - Reception Multicoupler
Channels	2, 3, 4, 6 or 8
Frequency	134 - 175 MHz
VSWR	≤ 1.5:1
Impedance	50 Ohm
Bandwidth	3 MHz
LNA gain	Approx. 20 dB
Noise Figure	< 2.0 dB
Max. Input Power	+12 dBm
Supply voltage	230/110 V - Redundant and DC supply options available
Current Consumption, Average	120 mA

Datasheet

2 / 4

MECHANICAL SPECIFICATIONS

Color	Black Grey (RAL7021)
Dimensions	484 x 44.5 x 400 (W x H x L), 1HU
Weight	MR-22/CR: 4.0 kg MR-23/CR: 4.1 kg MR-24/CR: 4.2 kg MR-26/CR: 4.5 kg MR-28/CR: 4.9 kg
Operating temperature	-20 to +60°C
Connector	Type N-female
Serial no.	On product label

ORDERING INFORMATION

MR-22/CR	2CH VHF Multicoupler 134-175 MHz (1HU-400 mm)
MR-23/CR	3CH VHF Multicoupler 134-175 MHz (1HU-400 mm)
MR-24/CR	4CH VHF Multicoupler 134-175 MHz (1HU-400 mm)
MR-26/CR	6CH VHF Multicoupler 134-175 MHz (1HU-400 mm)
MR-28/CR	8CH VHF Multicoupler 134-175 MHz (1HU-400 mm)

PACKAGING INFORMATION

Type	Box
Dimensions	535 x 150 x 470 (W x H x L)
Weight	MR-22/CR: 5.7 kg MR-23/CR: 5.8 kg MR-24/CR: 5.9 kg MR-26/CR: 6.3 kg MR-28/CR: 6.6 kg



