

# MR-70/CR UHF RX Multicoupler

## UHF Receiver Multicoupler (380 - 475 MHz)

Scan Antenna MR-70 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 5 MHz, specify frequency when ordering.
- Option: Redundant power supply can be provided!



## ELECTRICAL SPECIFICATIONS

|                              |                                                       |
|------------------------------|-------------------------------------------------------|
| Type                         | UHF - Reception Multicoupler                          |
| Channels                     | 2, 3, 4, 6 or 8                                       |
| Frequency                    | 380 - 475 MHz                                         |
| VSWR                         | ≤ 1.5:1                                               |
| Impedance                    | 50 Ohm                                                |
| Bandwidth                    | 5 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                                                |

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MECHANICAL SPECIFICATIONS

|                       |                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------|
| Color                 | Black Grey (RAL7021)                                                                                  |
| Dimensions            | 484 x 44.5 x 400 (W x H x L), 1HU                                                                     |
| Weight                | MR-702/CR: 4.0 kg<br>MR-703/CR: 4.1 kg<br>MR-704/CR: 4.2 kg<br>MR-706/CR: 4.5 kg<br>MR-708/CR: 4.9 kg |
| Operating temperature | -20 to +60°C                                                                                          |
| Connector             | Type N-female                                                                                         |
| Serial no.            | On product label                                                                                      |

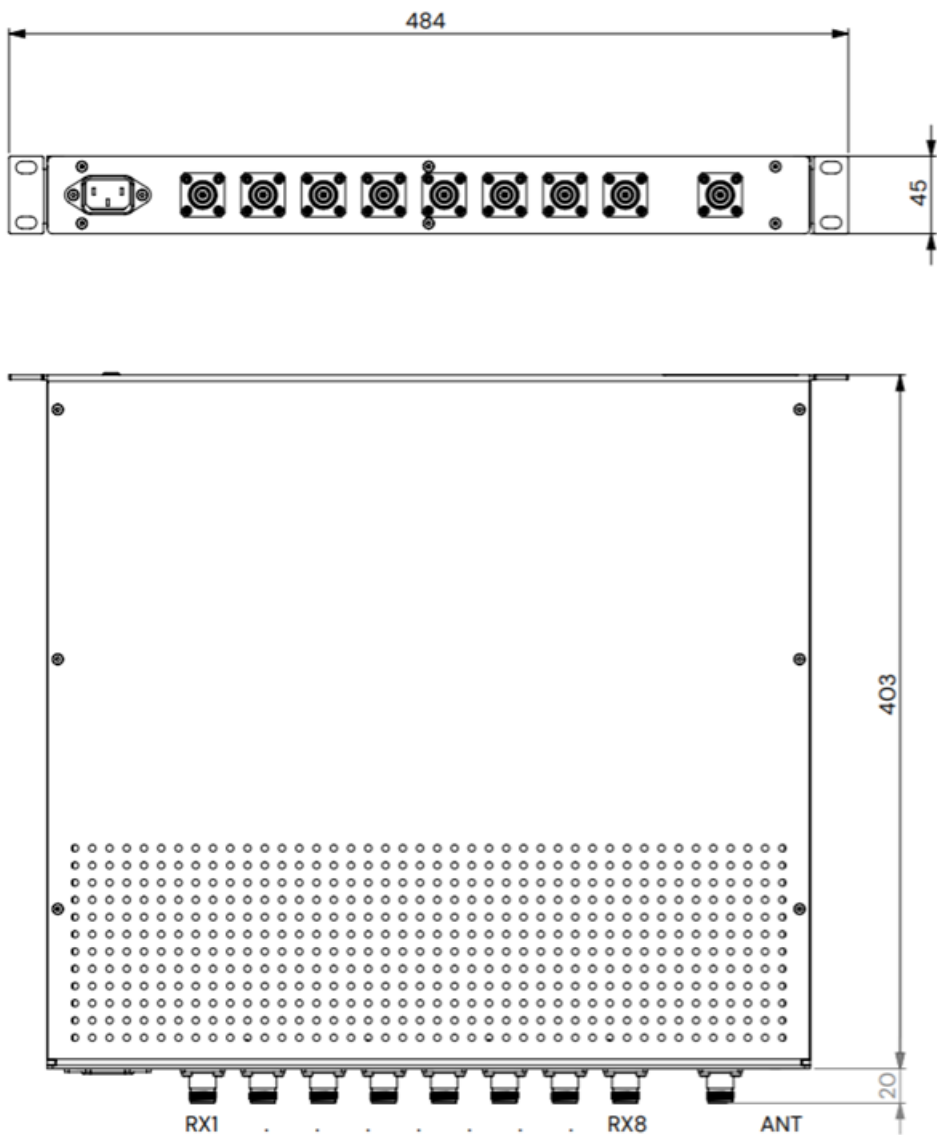
ORDERING INFORMATION

|           |                                                |
|-----------|------------------------------------------------|
| MR-702/CR | 2CH UHF Multicoupler 380-475 MHz (1HU-400 mm)  |
| MR-703/CR | 3 CH UHF Multicoupler 380-475 MHz (1HU-400 mm) |
| MR-704/CR | 4 CH UHF Multicoupler 380-475 MHz (1HU-400 mm) |
| MR-706/CR | 6 CH UHF Multicoupler 380-475 MHz (1HU-400 mm) |
| MR-708/CR | 8 CH UHF Multicoupler 380-475 MHz (1HU-400 mm) |

PACKAGING INFORMATION

|            |                                                                                                       |
|------------|-------------------------------------------------------------------------------------------------------|
| Type       | Box                                                                                                   |
| Dimensions | 470 x 150 x 535 (L x H x W)                                                                           |
| Weight     | MR-702/CR: 5.7 kg<br>MR-703/CR: 5.8 kg<br>MR-704/CR: 5.9 kg<br>MR-706/CR: 6.3 kg<br>MR-708/CR: 6.6 kg |

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