



## Features

**Compact Size** - It only occupies a few space. | **Widely Applicable** - It can be used with portable and mobile repeaters, and repeater base stations. | **High Durability** - It is made of solid shield copper jacketed inter-cabling. | **BNC or N Connectors** - Both BNC female and N connectors are available. | **Little Input Loss** | **Low VSWR**

## Specifications

| Model                            | MCD-150                    | MCD-250                    | MCD-350                    | MCD-450       |
|----------------------------------|----------------------------|----------------------------|----------------------------|---------------|
| Frequency Range                  | 137 - 174 MHz              | 200 - 240 MHz              | 330 - 390 MHz              | 400 - 480 MHz |
| Frequency Separation             | 5.7 MHz                    | 7 MHz                      | 10 MHz                     |               |
| Continuance Power                | 50 W                       |                            |                            |               |
| Nominal Impedance                | 50 $\Omega$                |                            |                            |               |
| VSWR                             | <1.5                       |                            |                            |               |
| Input Loss (TX)                  | 1.2 dB                     |                            |                            |               |
| Input Loss (RX)                  | 1.2 dB                     |                            |                            |               |
| Operating Temperature Range      | -40°C to +60°C             |                            |                            |               |
| TX-Noise suppression at RX freq. | >= 75 dB                   |                            | = 80 dB                    | = 75 dB       |
| RX-Noise suppression at TX freq. | >= 75 dB                   |                            | = 80 dB                    | = 75 dB       |
| Connector                        | BNC female or N female     |                            |                            |               |
| Dimensions (mm)                  | 220 (W) x 155 (H) x 35 (D) | 195 (W) x 155 (H) x 35 (D) | 230 (W) x 155 (H) x 35 (D) |               |
| Weight                           | 1 kg                       |                            |                            |               |

Each duplexer is tested by qualified technician before delivery.

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