

Part No. 173108

Mobile Duplexer UHF 440 – 520 MHz 50W 10MHz split

Benelec 173108 Duplexer provides the means for simultaneous operation of a mobile relay or repeater station having separate TX and RX frequencies when using a common antenna.

The benefits of this include: Saving one antenna and one transmission line, compared with using separate transmit and receive antennas for a repeater, maintaining reciprocal receiving and transmitting signal path characteristics compared with separate, TX and RX antennas, and providing sufficient filtering to prevent both transmitter carrier power and wide band noise from desensitising the associated receiver.



Specifications

Frequency Band:	440 - 520 MHz	Suppression:	> 75 dB
Max Power Input:	50W	Isolation:	> 75 dB
Bandwidth:	± 200 kHz	Dimension:	224 x 31.5 x 153 mm
Frequency Spacing:	10 MHz	Termination:	N Type Female
Insertion Loss:	≤ 1.0 dB	Finish:	Black
Impedance:	50 Ω (Nominal)		
VSWR:	≤ 1.5		

Optional Tuning.

Ask us about tuning your Tx/Rx pair for you & labelling accordingly.

Warranty

12 months (Please refer to [Benelec Terms & Conditions](#))

Packaging

Cardboard box, 1 Duplexer per Box. **G.W.** 1.1 kg