

173110Z Mini Mobile Duplexer UHF 450 – 520 MHz 10W

The Benelec 173110Z Mini Mobile 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:	450 - 520 MHz	Suppression:	> 80 dB
Max Power Input:	10W	Isolation:	> 80 dB
Bandwidth:	± 700 kHz	Dimension:	155 x 80 x 28 mm
Frequency Spacing:	10 MHz	Termination:	SMA Female
Insertion Loss:	≤ 1.0 dB	Finish:	Black
Impedance:	50 Ω (Nominal)	Operating Tem:	-30°C to 60°C
VSWR:	≤ 1.3		

Warranty

12 month (Please refer to Benelec Standard Warranty Terms and Conditions)

Packaging

Cardboard box, 1 Duplexer per box