

## 173110U Mini Mobile Duplexer UHF 380 – 450 MHz 10W

The Benelec 173110U 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

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<b>Frequency Band:</b>	380 - 450 MHz	<b>Suppression:</b>	> 80 dB
<b>Max Power Input:</b>	10W	<b>Isolation:</b>	> 80 dB
<b>Bandwidth:</b>	± 700 kHz	<b>Dimension:</b>	155 x 80 x 28 mm
<b>Frequency Spacing:</b>	10 MHz	<b>Termination:</b>	SMA Female
<b>Insertion Loss:</b>	≤ 1.0 dB	<b>Finish:</b>	Black
<b>Impedance:</b>	50 Ω (Nominal)	<b>Operating Tem:</b>	-30°C to 60°C
<b>VSWR:</b>	≤ 1.3		

### Warranty

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

### Packaging

Cardboard box, 1 Duplexer per box