

DATASHEET

SKU: 173107

Benelec UHF Mobile 50w Duplexer

375-440MHz – 10MHz Split



Benelec 173107 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.

Frequency Band:	375 - 440 MHz	VSWR:	≤ 1.5
Max Power Input:	40W	Isolation:	70+ dB (Min), 75dB (Max)
Frequency Spacing:	5 MHz (Min), 15 MHz (Max)	Dimension:	156 x 35 x 127 mm
Insertion Loss:	1.2 dB (Max), 1.0 dB (Min)	Termination:	N Type Female
Impedance:	50 Ω (Nominal)	Finish:	Grey

OPTIONAL TUNING

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

PACKAGING

Cardboard box, 1 Duplexer per Box

WARRANTY

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

Website: benelec.au