

DUAL BANDPASS DUPLEXER for TETRA • 380 - 430 MHz

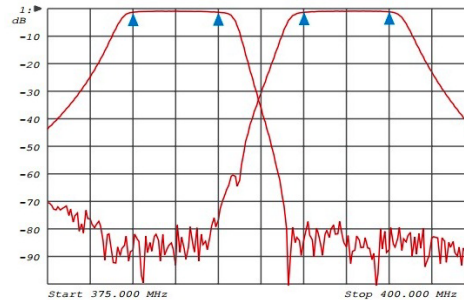
DDBP3866CHHT

Product Features

- Dual band-pass duplexer designed for TETRA and TETRAPOL systems.
- Handles up to 250 W continuous duty in both low pass and high pass sections.
- The design of this duplexer includes comb resonators and notch sections in order to perform an outstanding carrier rejection and transmitter noise reduction at receive frequencies.
- Insertion loss is less than 1.5 dB



Typical response curve
DDBP3866CHHT



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Specification

Specification	Value
Type	Dual band-pass duplexer
Frequency band	380 – 430 MHz
Band pass BW, low pass	5.0 MHz
Band pass BW, high pass	5.0 MHz
Low pass to High pass split	10.0 MHz
Insertion loss, low pass	1.5 dB max
Insertion loss, high pass	1.5 dB max
Return loss, all ports	20 dB min
Tx carrier rejection	70 dB min
Tx noise rejection	70 dB min
Power input	250 W both sides
Connectors	N(f)
Temperature range	-22° to 140° F • -30° to +60° C
Mounting	Brackets for 19" rack
Rack units required	3
Dimensions	4.1 x 19 x 10 inches • 131 x 482 x 250 mm
Weight	15.5 lbs • 7 kg

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