

BAND-PASS BASE STATION DUPLEXER

Public Safety 800 MHz • 806 – 869 MHz

DDBP8566CHHS2

Product Features

- Designed for full SMR, TETRA and iDEN 800 MHz band
- Outstanding carrier rejection and transmitter noise reduction at receive frequencies due to its combline design
- Low insertion loss
- N(f) connectors are standard, other types available upon request



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Specification

Value

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Type	Dual Band Pass Combline Duplexer
Frequency range	806 - 869 MHz
Bandwidth Tx	851 - 869 MHz (851 - 866 opt)
Rx	806 - 824 MHz (806 - 821 opt)
Insertion loss	1.0 dB max
Carrier rejection	80 dB min
Noise suppression	80 dB min
Return loss	20 dB min
Impedance	50 Ω
Power	500 W
Connectors	N(f)
Temperature Range	-4° to 158° F • -20° to +70° C
Dimension	4 x 16.7 x 10.4 inches • 101.6 x 423 x 264 mm
Weight	14 lbs • 6.4 kg
Mounting	Standard 19" open tray rack panel (3 R.U.)
MTBF	>1,000,000 hours