

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 combine design
- Low insertion loss
- N(f) connectors are standard, other types available upon request



Specification

Value

Type	Dual Band Pass Combine Duplexer
Frequency range	806 - 869 MHz
Bandwidth Tx	851 - 869 MHz
Rx	806 - 824 MHz
Insertion loss	1.10 dB max
Carrier rejection	80dB min
Noise suppression	80dB min
Return loss	15dB min
Impedance	50Ω
Power	200W avg, 500W peak
Connectors	N(f)
Temperature Range	5° to 140° F • -15° to + 60° C
Dimension (excluding connectors)	5.25 x 19 x 3 inches • 133.3 x 482.6 x 76.5 mm
Weight	14 lbs • 6.4 kg
Mounting	Standard 19" open tray rack panel (3 R.U.)
MTBF	>1,000,000 hours