

HIGH POWER 800MHz DUPLEXER FULL BAND • DDBP8566CHHS2



Fiplex DDBP8566CHHS2 is a dual band pass combline type duplexer designed for the full SMR, TETRA and iDEN 800MHz band.

This duplexer can handle up to 500 watts continuous duty in both low pass and high pass sections.

The combline design of this duplexer provides an outstanding carrier rejection and transmitter noise reduction at receive frequencies. The insertion loss is less than 1.0 dB, with more than 75dB rejection.

N(f) connectors are standard, other types available upon request.

For other than specified please contact the factory or sales offices.



DDBP8566CHHS2

ELECTRICAL SPECIFICATIONS

Frequency range, in MHz	806 - 869
Bandwidth, in MHz. Tx	851 - 869 (851-866 opt)
Rx	806 - 824 (806-821 opt)
Insertion loss, in dB	1.0 max
Carrier rejection, in dB	75 min
Noise suppression, in dB	75 min
Return loss, in dB	15 min
Impedance, in Ohms.	50
Power, in Watts	500
Connectors	N(f)
Temperature range, in °C	-15 to + 60

MECHANICAL SPECIFICATIONS

Dimensions HxWxD, in inches	4 x 16.7 x 10.4
[in mm]	[101.6 x 423 x 264]
Weight, in Lbs [in Kgs]	14.0 [6,4]
Mounting	Standard 19" open tray rack panel (3 R.U.)

DDBP8566CHHS2 TYPICAL RESPONSE CURVES
FULL TRUNKING 800MHz BAND

