

DP806869H (806-869 MHz)

800 MHz Broadband Window Filter Duplexer

ELECTRICAL SPECIFICATIONS

Frequency Range, MHz

Transmitter	851-861*
Receiver	806-824
Isolation (min), dB	65 @ 806-824 MHz 100 @ 851-869 MHz

Transmitter Loss (max), dB	0.8
Receiver Loss (max), dB	1.5
Transmitter Return Loss (min), dB	19
Receiver Return Loss (min), dB	14
Impedance, Ohms	50
Power Rating, Watts	400

MECHANICAL SPECIFICATIONS

Construction/Finish	Aluminum/Black
Input Connector	N(F) or 7/16 DIN
Mounting	EIA 19-inch Rack
Temperature Range, degrees	-30 to +60 C

DIMENSIONS

Width, in(mm)	19 (482.6)
Height, in(mm)	3.5 (88.9)
Height, RU	2
Depth, in(mm)	12 (304.8)

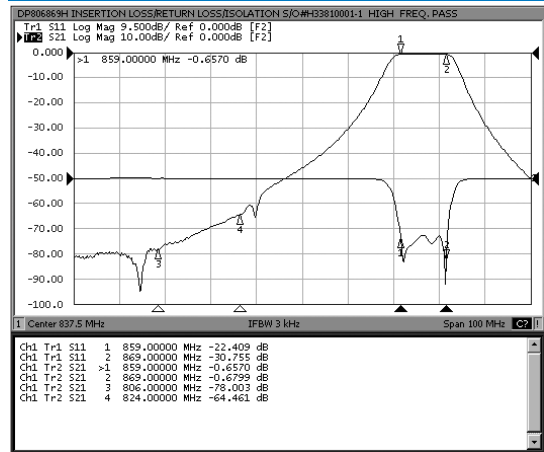
* Adjustable in the 851-869 MHz range.

NOTE: DIN model available (M#: DP806869D).

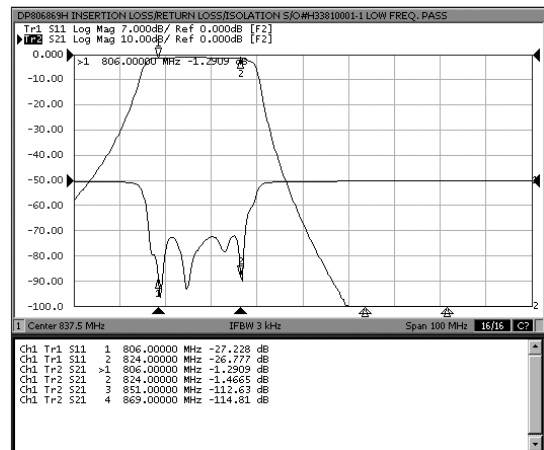
FEATURES AND BENEFITS

- High-power duplexer with a compact design.
- 2 RU, 19-inch rack mountable.
- For multiple channel base station applications.
- To be used with TX cavity combiner system.
- High isolation (high pass/low pass).

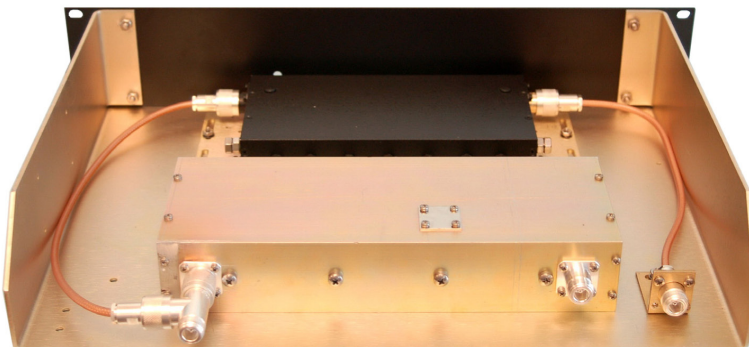
SELECTIVITY CURVE



High Pass



Low Pass



DP806869H