

DSD-HC113 (806-869 MHz)

800 MHz Control Station Combiner Duplexer

ELECTRICAL SPECIFICATIONS

Frequency Range, MHz

Transmitter	851-869
Receiver	806-824

Bandwidth, MHz 18 (transmitter and receiver)

Transmitter Isolation (min), dB >70

Receiver Isolation (min), dB >90

Transmitter Loss (max), dB 1.5 +/- 0.5 dB

Receiver Loss (max), dB 1.5 +/- 0.5 dB

Return Loss (min), dB 14

Impedance, Ohms 50

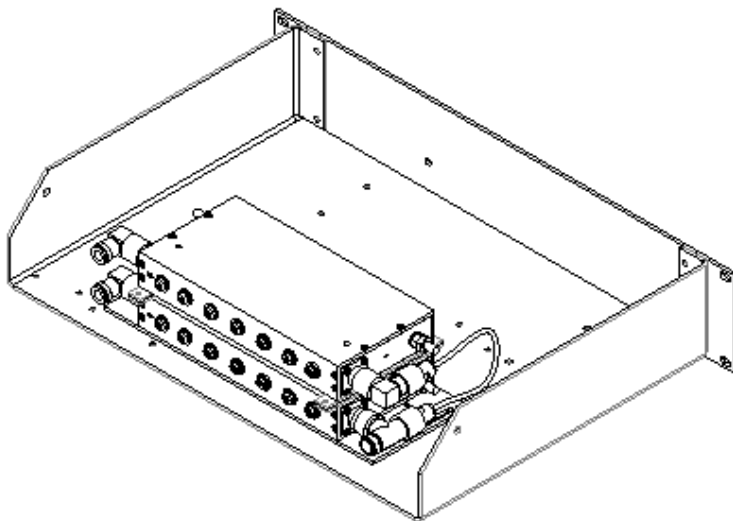
Power Rating, Watts 100

MECHANICAL SPECIFICATIONS

Construction/Finish	Aluminum/Black
Input Connector	N(F)
Mounting	EIA 19-inch Rack; 2 RU tray
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)	12.5 (317.5)

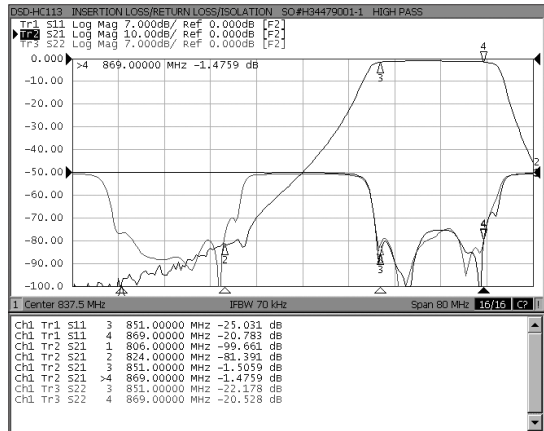


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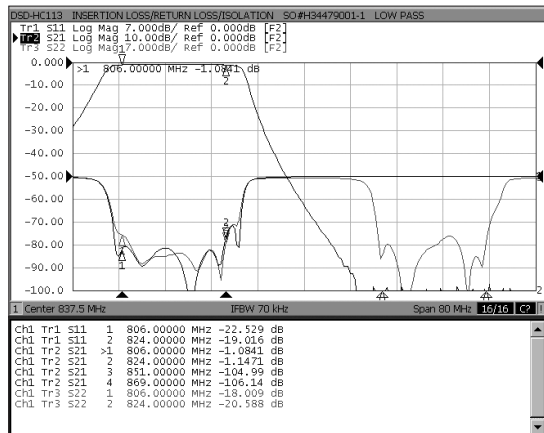
FEATURES AND BENEFITS

- 2 RU, 19-inch rack mountable.
- Low insertion loss.
- Minimizes antennas for control station combiner applications.
- For broadband 800 MHz requirements.

SELECTIVITY CURVE



High Pass



Low Pass