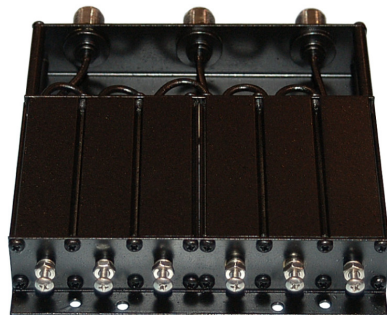


DSD706M / DSD806M / DSD906M (764-940 MHz)

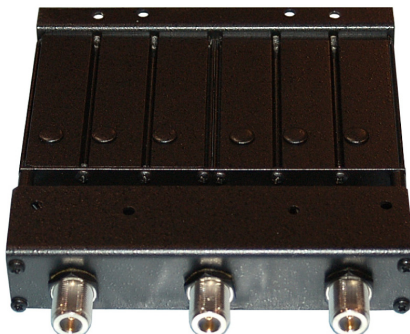
6 Cavity Multi-Channel Mobile Duplexer

MODEL	DSD706M	DSD806M	DSD906M
ELECTRICAL SPECIFICATIONS			
Frequency Range, MHz	764-806	806-869	896-940
Pass Bandwidth, MHz	6	4	5
Frequency Separation (min), MHz	30	30	34
Number of Cavities	6	6	6
Isolation, dB	60	60	60
Transmitter Loss, dB	1.5	1.5	1.0
Receiver Loss, dB	1.5	1.5	1.0
Return Loss, dB	14	14	14
Impedance, Ohms	50	50	50
Power Rating, Watts	50	50	50
MECHANICAL SPECIFICATIONS			
Construction/Finish	Aluminum/Black		
Input Connector	N(F)		
Mounting	Surface mount		
Temperature Range, degrees	-30 to +60 C		
DIMENSIONS			
Cavity Size, in(mm)	1 (25.4)		
Width, in(mm)	7 (177.8)		
Height, in(mm)	1.3 (31.8)		
Depth, in(mm)	8.3 (211)		

NOTE: Similar VHF (DSD106M) and UHF (DSD406M) models are available. Please contact dbSpectra's system engineers for specifications.



DSD706M
Top View

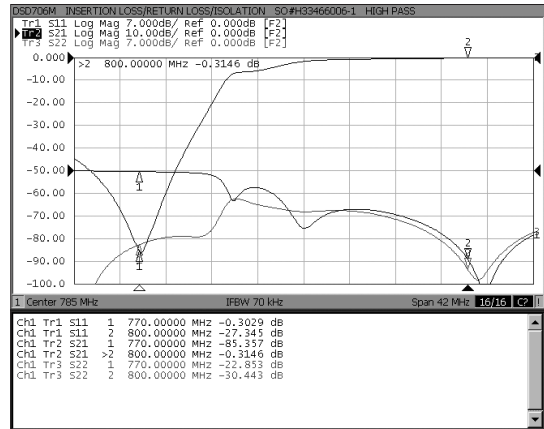


DSD706M
Bottom View

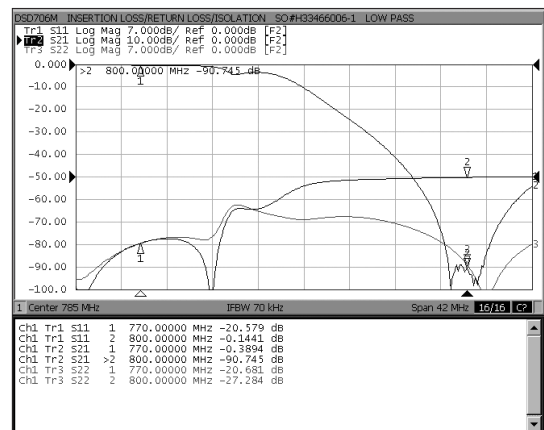
FEATURES AND BENEFITS

- Isolation 60 dB, transmit and receive.
- 4 to 6 MHz passband notch duplexer.
- Mobile applications for multi-frequency radios.

SELECTIVITY CURVE



High Pass (typical)



Low Pass (typical)