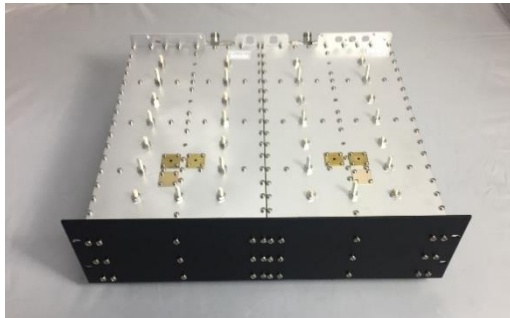


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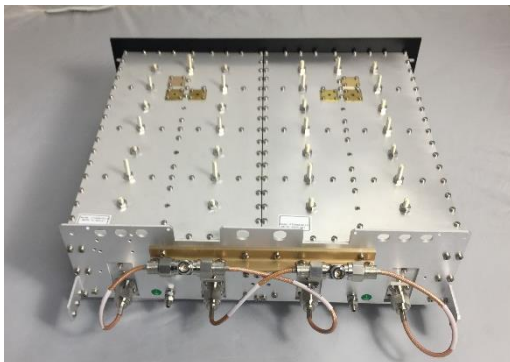
## DB3826BP UHF Dual Sub-band Receive Window Filter (450MHz and 460 MHz Sub-bands)

dbSpectra

inch deep cabinet. For two-post mounting, order 072985-004  
Extender Brackets (Quantity 2).



Dual Sub-band Receive Milled Window Filter



Dual Sub-band Window Filter  
Rear View with N Connectors

### Features and Benefits

- ❖ High performance dual sub-band filter system for two separated UHF receive passbands; Very selective; provides >65 dB of isolation at 1.5 MHz from edge of passband.
- ❖ Milled aluminum construction provides outstanding selectivity characteristics in a rugged and compact package – only 3 RU and 16.5" depth.
- ❖ Antenna and Multicoupler connections located at rear panel.

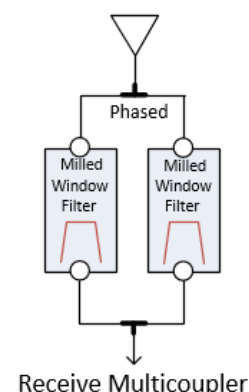
### Ordering Information

Model	Band /Sub-band	Passbands
DB3826BPB	450 and 460 MHz	3.5 MHz

### Specifications

Electrical Specifications	
Frequency Range	450-470 MHz
Passband Bandwidths	3.5 MHz
Minimum TX-RX Guard Band	1.5 MHz
Isolation (typical) @ 1.5 MHz from passband edge	> 65 dB
Insertion Loss	<2.5 dB
Return Loss	>14 dB
Mechanical Specifications	
Filter Construction/Finish	Milled Casting /Clear Chem Film
Mounting Chassis Rear & brackets	Aluminum Clear Chem Film
Mounting Chassis Front	AL panel, black powdercoat
Connectors	N Female
Mounting	EIA 19-inch rack with 4-post brackets **
Grounding Provision	¼-20 Stud 1" at Rear
Temperature Range	-30° C to +60° C
Dimensions and Weight	
Chassis Width	17.5 in
Front Panel Height	5.25 in (3 RU)
RU Height	3 RU
Chassis Depth	16.5 in; 20" including cables
Net Weight /Shipping Weight	36 Lbs. / 45 Lbs.

### Typical Application



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### Filter Characteristics – Typical Tuning

