

VHF Band Pass Duplexer

152-171MHz, 21MHz Tx/Rx Split
DP1517-088y-32 Series

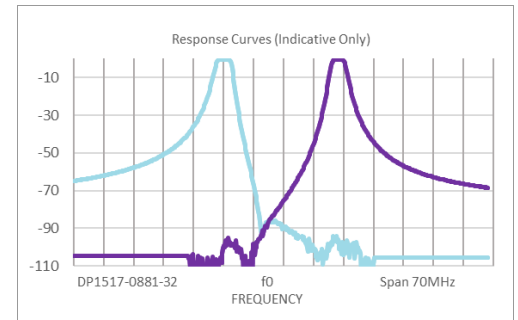


These units are ideally suited to mobile or fixed applications. These duplexers feature excellent continuous operating ratings and small overall size and are milled from a single solid alloy block for excellent mechanical and temperature stability.

The especially high minimum Tx to Rx frequency separation of these models make them specifically suited for the 21MHz frequency splits in VHF Hi-band which are commonly used in mining applications.

Features:

- Compact temperature stable design
- Suitable for 21Mhz Tx/Rx Splits in VHF Hi-band
- Low insertion loss ripple
- 4RU 19" Rack mount front panel or shelf



Technical Specifications

Model Number	DP1517-0881-32	DP1517-0882-32	
Type	Band Pass		
Frequency MHz	151-175	151-172	
Pass Band - High and Low Ports (typical) MHz	1	2	
Tx to Rx Separation (minimum) MHz	21	17	
Insertion Loss (max) dB	1.4	1.5	
Port to Port Isolation (minimum) dB	75	80	
VSWR (maximum)	1.25		
Input Power (CW Maximum) W	75	200	
Impedance Ohms	50		
Termination Connectors	N(f)		
Temperature Range (operational) C / F	-30° to +60° / -22° to +140°		
Mounting Option	4RU 19" Rack mount front panel	4RU 19" Rack mount shelf	
Finish	Painted Black		
Duplexer Only Net Dimensions mm / in	H	148 / 5.82	
	W	310 / 12.20	
	D	148 / 5.82	
Duplexer with Panel / Shelf Net Dimensions mm / in	H	177.80 / 7	
	W	483 / 19	
	D	148 / 5.82	430 / 16.92
Net Weight Kg / lb	3.50 / 7.70	6.70 / 14.75	
Compliance	RoHS		

Ordering Information

Model Number	Description
DP1517-0881-32	Duplexer Band Pass, 151-175MHz, 1MHz PB, 21MHz T/R, 75W, 4RU
DP1517-0882-32	Duplexer Band Pass, 151-172MHz, 2MHz PB, 17MHz T/R, 200W, 4RU