

# Duplexer

## VHF Mid-Band Mobile Notch, Compact.

### 66-88MHz

#### DPxxxx-5162-BC



Where space is restricted and temperatures can vary considerably, RFI's range of compact six resonator mobile notch duplexers are ideal for use as a single duplex channel duplexer. The good Low to High port-to-port isolation reduces the risk of carrier desensitisation in the nominated Rx port. Mounting holes are provided for flat surface mounting.

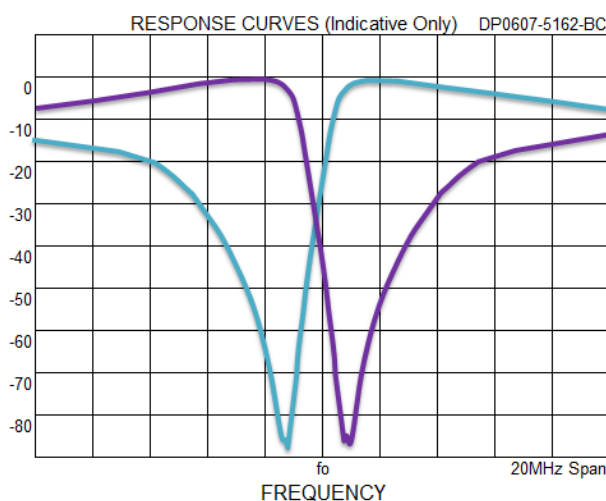
#### Features:

- Compact construction with good temperature stability
- 2.5MHz Tx to Rx split
- Low insertion loss
- Typically >80dB port to port isolation
- 25W (CW) power rating
- Flat surface mounting holes provided
- Tx / Rx reversible on Lo / Hi ports

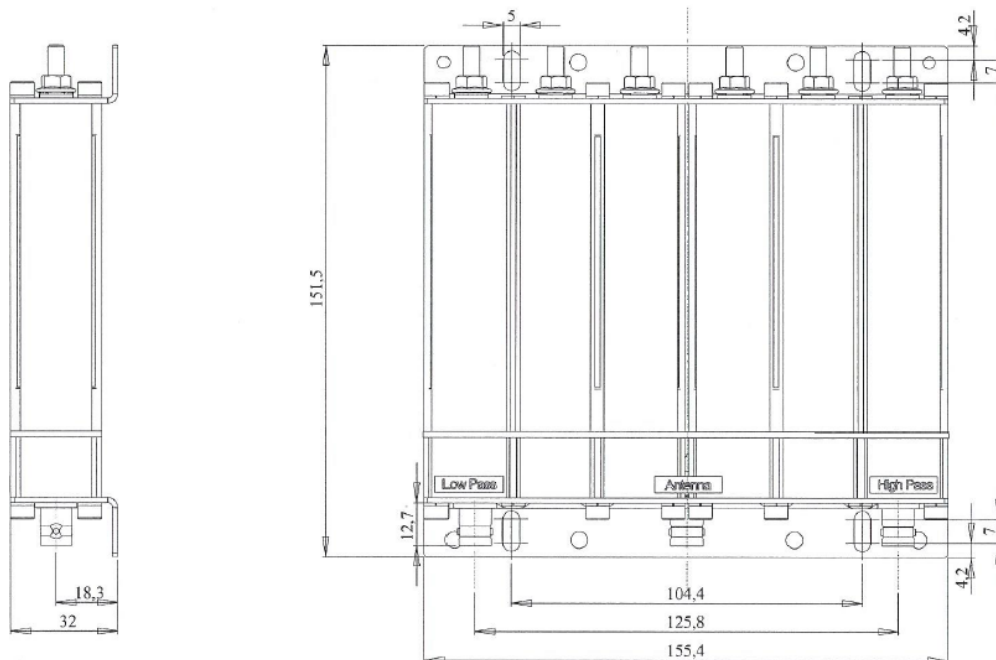


#### Specifications

Model Number	DP0607-5162-BC	DP0708-5162-BC
Type	Notch	
Band	66-77MHz	77-88MHz
Tuneable frequency range - Low Pass Port	66-74.5MHz	77-85.5MHz
Tuneable frequency range - High Pass Port	68.5-77MHz	79.5-88MHz
Tx to Rx Separation - typical	2.5MHz	
Low & High Pass Port Insertion Loss - typical	≤ 1.2dB	
Port to Port Isolation - typical	≥ 80dB	
Input Power (CW) - max	25W	
Impedance	50 Ohms	
Return Loss / VSWR	> 15dB / 1.43:1	
Termination Connectors	BNC Female	
Mounting Option	Flat Surface Mounting	
Finish	Painted Black	
Duplexer only dimensions (mm/inches excl conn)	L 160 (6.3") x W 156 (6.14") x H 32.5 (1.28")	
Weight - approx	0.85Kg / 1.87lbs	
Temperature Range	-30° to +60° C / -22° to +140° F	



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*Mechanical Dimensions*

Ordering Information	
DP0607-5162-BC	Duplexer Mobile Notch 66-77MHz, T/R 2.5MHz, 25W, BNC(F)
DP0708-5162-BC	Duplexer Mobile Notch 77-88MHz, T/R 2.5MHz, 25W, BNC(F)