Australian manufactured in East Gippsland

Airband Cavity filters

Band-pass, Notch or Pass-Reject filters

Airband 118-137 MHz

Build To Order

ZCG's range of Airband cavity filters are available in either band-pass, notch or pass-reject configurations, ideal for defence or commercial applications within 118-137 MHz. Alternate frequency models for FM Radio, VHF high band or UHF are also available.

Constructed from clear chromate finish aluminium, PTFE insulators and a INVAR tuning rod, the ZCG filter range are designed and manufactured for a reliable and long service life.

Consult ZCG on your specific requirements if you cannot see a solution below.

SKU	ZVBPF-118137	ZVNF-118137	ZVPRF-118137
Construction	Clear chromate aluminium body, internal invar tuning bar, PTFE insulators, nickel plated termination/s		
Filter type	Band-pass	Notch	Pass-Reject - specify low pass/high reject or high pass/low reject
Frequency range	118-137 MHz - VHF Air Band		
Bandwidth - specify	200 kHz around specified frequency	Single channel	-
Minimum spacing	-	-	min. 0.5% of frequency between pass and reject
Tuning	Factory/field tune - can be tuned anywhere within band		
VSWR	<1.2:1	-	<1.2:1 - at pass
Impedance - nominal	50 Ohms		
Rejection	-	>20dB	>20dB - at reject frequency
Insertion loss	-	-	0.3dB - at pass frequency
Band-pass attentuation	0.3-0.5dB	-	-
Input connector	N-type female		
Output connector	N-type female	-	
Maximum power	250 Watts		
Weight	5.5kg		
Dimensions	Height: 600mm Diameter: 203mm		
Installation accessories	Scaled coupling leads can be order separately	T-junction adaptor included	
Mounting hardware order separate	Wall mounting: 1 x SWB-CH-400 or 2 x SWB-100-F Rack Mounting: 1 or 2 x A-2806-2		

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SKU: SWB-CH-400

Wall mount cavity filter bracket with dual worm-drive clamps

SKU: SWB-100-F

Wall mount cavity filter bracket with tilt adjustment, suits angled wall mounting

2 units per filter recommended

SKU: A-2806-2

19" rack mount cavity filter bracket with worm-drive clamps

ZCG recommend top and bottom mounting of filter within rack