



UHF Cavity filters

Band-pass, Notch or Pass-Reject filters

UHF 400-520 MHz



ZCG's range of UHF cavity filters are available in band-pass, notch or pass-reject configurations for defence or commercial applications within 400-520 MHz. Alternate frequency models for FM Radio, Airband or VHF high band are also available.

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

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

SKU	ZUBPF-400520	ZUNF-400520	ZUPRF-400520
Construction	Clear chromate finish aluminium body, invar tuning internals, PTFE insulators and nickel plated termination/s		
Filter type	Band-pass	Notch	Pass-Reject - specify low pass/high reject or high pass/low reject
Frequency range	400-520 MHz - UHF		
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	N/A	<1.2:1 - at pass
Impedance	50 Ohms		
Rejection	-	>20dB	>20dB - at reject frequency
Insertion loss	-	-	0.3dB - at pass frequency
Band-pass attenuation	0.3-0.5dB	-	-
Input connector	N-type female		
Output connector	N-type female	-	-
Maximum power	100 Watts		
Weight	1.55kg		
Dimensions	Height: 170mm Diameter: 150mm		
Installation accessories	Scaled coupling leads can be order separately	T-junction adaptor - supplied	
Mounting hardware order separate	Wall mounting: 1 x SWB-CH-400 or 2 x SWB-100-F2 Rack Mounting: 1 or 2 x A-2806-2		



Band-pass dual terminated



Band-stop notch single terminated with N-type T-adaptor



A-2806 19" rack mounting bracket