

UHF Cavity filters

Single cavity Band-pass or notch filters

UHF 400-520MHz



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

Constructed from gold anodised aluminium, PTFE insulators and a INVAR tuning rod, 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.

Specifications	ZUBF-18883	ZUBFN-18883
Construction	Anodised aluminium body, invar tuning bar, and PTFE insulators	
Filter type	Single cavity band-pass	Single cavity notch
Frequency range	UHF 400-520MHz	
Bandwidth - specify	200kHz around specified frequency	Single channel
Tuning	Factory/field tune - can be tuned anywhere within band	
VSWR	<1.2:1	N/A
Impedance	50 Ohms	
Band-pass attenuation	0.3-0.5dB	N/A
Input connector	N-type female or specify requirements	
Output connector	N-type female or specify requirements	N/A
Maximum Power	50 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-F Rack Mounting: 1 or 2 x A-2806-2	



T-junction adaptor
supplied with notch filter



Scaled coupling cables order
separately



A-2806 19" rack mounting bracket