

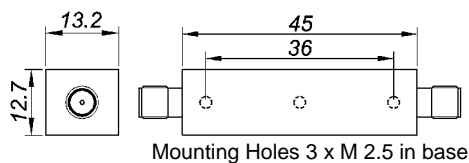
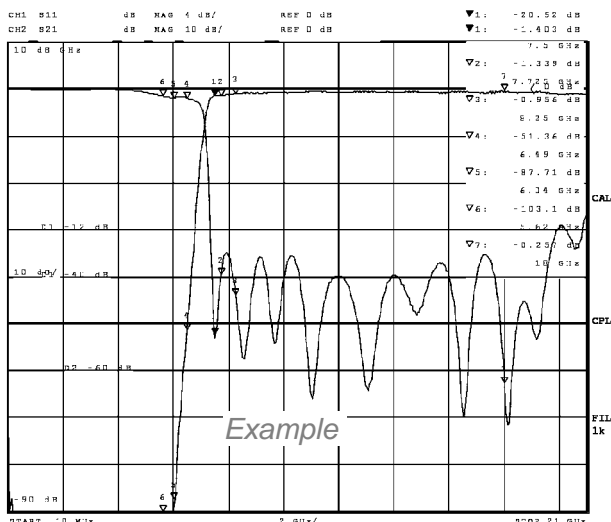


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Passband to 18 GHz	Highpass Filters For measuring undesired signals from power sources 10 or 8 Section Chebyshev Design	WHKX Series 13.2 mm high
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Application: These filters may be used to block the output power of transmitters and amplifiers but pass the spurious signals up to 18 GHz. **RF power handling limited to 5 W in the stopband and 10 W in the passband.**



Average weight:
36 g (= 1.27 oz.)

Connectors:
SMA-female

Common Specifications

Passband Loss to 18 GHz: 0.6 dB typical / 2.0 dB max. at Fco
 Return Loss (50Ω): 12 dB min. = VSWR 1.67 : 1 max.
 14 dB typ. = VSWR 1.5 : 1 typ.

Operating Temperature: +15°C to +40°C
 Power Handling: max. 5 W CW in Stopband
 max. 10 W CW in Passband

Please note:

These filters have a specified stopband and passband. The transition zone near Fco is not specified. It varies somewhat from filter to filter.

Please also see our **Guarantee** in regard to power handling.

Model Number	Passband to 18 GHz Fco:	Min. Stopband Attenuation			PRICES (each)	EURO	US-\$
		80 dB DC to: (Fco x0,82)	60 dB at: (Fco x0,86)	40 dB at: (Fco x0,90)			
WHKX 3.6/18G-10SS	3.6 GHz	2.95 GHz	3.10 GHz	3.24 GHz	1 to 4 filters	€1180	<i>Will be quoted.</i>
WHKX 4.0/18G-10SS	4.0 GHz	3.28 GHz	3.44 GHz	3.60 GHz	5 to 9 filters	€1062	
WHKX 4.5/18G-10SS	4.5 GHz	3.69 GHz	3.87 GHz	4.05 GHz	10 to 24 filters	€956	
WHKX 5.0/18G-10SS	5.0 GHz	4.10 GHz	4.30 GHz	4.50 GHz	Test Data Sheets with Netw. Analyzer Curves:	supplied	
WHKX 5.5/18G-10SS	5.5 GHz	4.51 GHz	4.73 GHz	4.95 GHz			
WHKX 6.0/18G-10SS	6.0 GHz	4.92 GHz	5.16 GHz	5.40 GHz			
		(Fco x0,75)	(Fco x0,805)	(Fco x0,865)			
WHKX 6.5/18G-8SS	6.5 GHz	4.88 GHz	5.23 GHz	5.62 GHz	Delivery Terms: FCA Andechs-Frieding (free carrier) according to Incoterms 2000 In Deutschland liefern wir frachtfrei gemäß CPT Incoterms 2000 (unversichert). Regarding payment terms and Warranty see Terms and Conditions . Delivery Time: normally 4 to 6 weeks - depending on quantity ordered and on our work load at time of order.		
WHKX 7.0/18G-8SS	7.0 GHz	5.25 GHz	5.64 GHz	6.06 GHz			
WHKX 7.5/18G-8SS	7.5 GHz	5.63 GHz	6.04 GHz	6.49 GHz			
WHKX 8.0/18G-8SS	8.0 GHz	6.00 GHz	6.44 GHz	6.92 GHz			

Filters with cut-off frequencies that are not listed above:

Choose any Fco between 3.6 GHz and 8.0 GHz in 0.1 GHz steps and assign a **Model Number** by inserting the desired Fco. **Example = WHKX 4.8/18G-10SS.**