

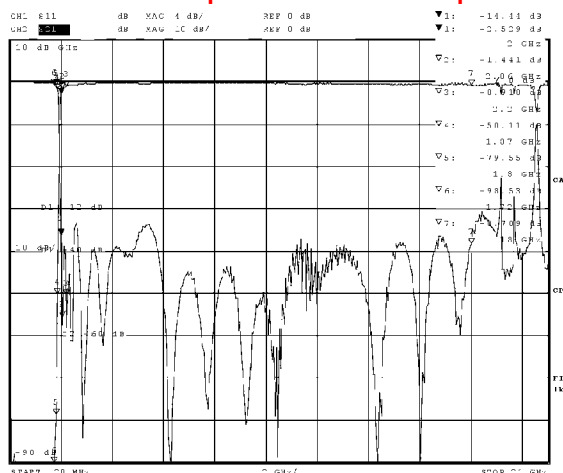
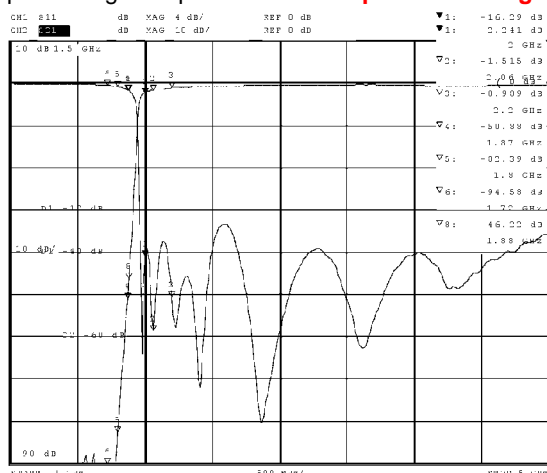


**Wainwright  
Instruments GmbH**

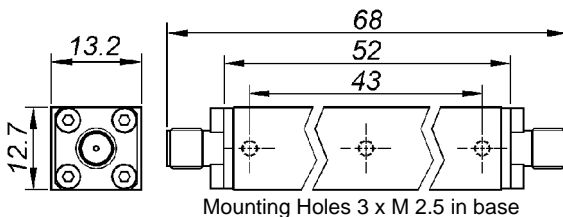
Widdersberger Str.14  
**82346 Andechs, Germany**  
 Tel.: +49-8152-918230 Fax: +49-8152-918255  
 E-Mail: [info@wainwright-filters.com](mailto:info@wainwright-filters.com)  
 Internet: [www.wainwright-filters.com](http://www.wainwright-filters.com)

<b>Passband to 18 GHz</b>	<b>Highpass Filters</b> For measuring undesired signals from power sources <b>12 Section Chebyshev Design</b>	<b>WHKX Series</b> 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:  
45 g (= 1.6 oz.)



**Common Specifications**

Passband Loss to 18 GHz: 0.6 dB typical  
 3.0 dB max. at Fco  
 Return Loss (50Ω): 12 dB min. = VSWR 1.67 : 1 max.  
 Operating Temperature: +15°C to +40°C  
 Average weight: 30 g (= 1.06 oz.)  
 Connectors: SMA-female only  
 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 15 GHz Fco:	Min. Stopband Attenuation			PRICES (each)	EURO	US-\$
		80 dB DC to: (Fco x0.86)	60 dB at: (Fco x0.9)	40 dB at: (Fco x0.935) (Fco x0.94)*			
WHKX 1.5/15G-12SS	1.5 GHz	1.29 GHz	1.35 GHz	1.40 GHz	1 to 4 filters	€ 1180	<i>Will be quoted.</i>
WHKX 1.6/15G-12SS	1.6 GHz	1.37 GHz	1.44 GHz	1.50 GHz	5 to 9 filters	€ 1062	
WHKX 1.7/15G-12SS	1.7 GHz	1.46 GHz	1.53 GHz	1.59 GHz	10 to 24 filters	€ 956	
WHKX 1.8/15G-12SS	1.8 GHz	1.55 GHz	1.62 GHz	1.68 GHz	Test Data Sheets with Netw. Analyzer Curves:	supplied	
WHKX 1.9/15G-12SS	1.9 GHz	1.63 GHz	1.71 GHz	1.78 GHz			
	to 18GHz				Filters with cut-off frequencies that are not listed above: Choose any Fco between 2 GHz and 3.5 GHz and assign a Model Number by inserting the desired Fco in steps of 0.1 GHz.  <b>Delivery Terms:</b> FCA Andechs-Frieding (free carrier) according to <b>Incoterms 2000</b> In Deutschland liefern wir frachtfrei gemäß CPT <b>Incoterms 2000</b> (unversichert). Regarding payment terms and Warranty see <a href="#">Terms and Conditions</a> . <b>Delivery Time:</b> normally 4 to 6 weeks - depending on quantity ordered and on our work load at time of order.		
WHKX 2.0/18G-12SS	2.0 GHz	1.72 GHz	1.80 GHz	1.88 GHz*			
WHKX 2.1/18G-12SS	2.1 GHz	1.81 GHz	1.89 GHz	1.96 GHz*			
WHKX 2.2/18G-12SS	2.2 GHz	1.89 GHz	1.98 GHz	2.06 GHz			
WHKX 2.4/18G-12SS	2.4 GHz	2.06 GHz	2.16 GHz	2.24 GHz			
WHKX 2.5/18G-12SS	2.5 GHz	2.15 GHz	2.25 GHz	2.34 GHz			
WHKX 2.6/18G-12SS	2.6 GHz	2.24 GHz	2.34 GHz	2.43 GHz			
WHKX 2.8/18G-12SS	2.8 GHz	2.41 GHz	2.52 GHz	2.62 GHz			
WHKX 3.0/18G-12SS	3.0 GHz	2.58 GHz	2.70 GHz	2.81 GHz			
WHKX 3.2/18G-12SS	3.2 GHz	2.75 GHz	2.88 GHz	2.99 GHz			
WHKX 3.4/18G-12SS	3.4 GHz	2.92 GHz	3.06 GHz	3.18 GHz			
WHKX 3.5/18G-12SS	3.5 GHz	3.01 GHz	3.15 GHz	3.27 GHz			