

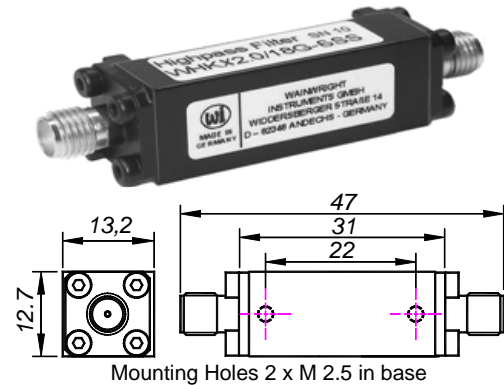
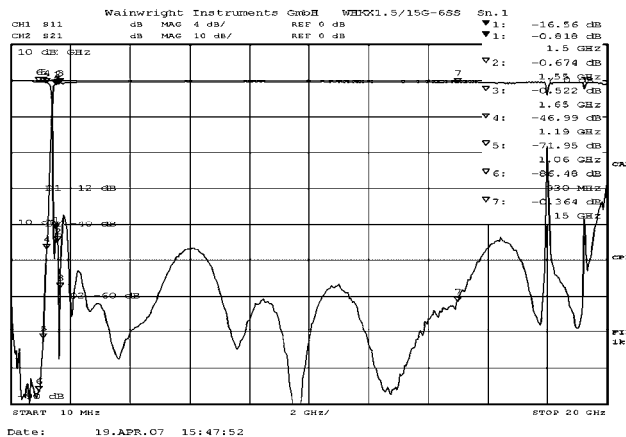


**Wainwright
Instruments GmbH**

Widdersberger Str.14
82346 Andechs, Germany
 Tel.: +49-8152-918230 Fax: +49-8152-918255
 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

Passband to 15/18 GHz	Highpass Filters 6 Section Chebyshev Design	WHKX Series 13.2 mm high
----------------------------------	--	-------------------------------------

These filters may be used to block the output power of transmitters and amplifiers but pass the spurious signals up to 15 or 18 GHz. However, 10 W in the passband and 5 W in the stopband should not be exceeded. Under these conditions, proper cooling by mounting on a heat sink is necessary.
Suitable attenuation (at least 3 dB) must be used between the source and the filter to reduce reflections and limit RF power. We are not responsible for damage to user's equipment.



Common Specifications

Passband Loss to 15/18 GHz: 0.5 dB typical / 1.2 dB max. at Fco
 Return Loss (50Ω): 12 dB min. = VSWR 1.67 : 1 max.
 14 dB typical = VSWR 1.5 : 1 max.
 Operating Temperature: +15°C to +40°C
 Average weight: 30 g (= 1.06 oz.)
 Connectors : SMA
 Power Handling: see above

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.

Model Number	Passband to 15 GHz Fco:	Min. Stopband Attenuation			PRICES (each)	EURO	US-\$
		80 dB DC to: (Fco x0.62)	60 dB at: (Fco x0.705)	40 dB at: (Fco x0.79)			
WHKX 1.0/15G-6SS	1.0 GHz	0.62 GHz	0.71 GHz	0.79 GHz	1 to 4 filters	€ 850	Will be quoted
WHKX 1.1/15G-6SS	1.1 GHz	0.68 GHz	0.78 GHz	0.87 GHz	5 to 9 filters	€ 765	
WHKX 1.2/15G-6SS	1.2 GHz	0.74 GHz	0.85 GHz	0.95 GHz	10 to 24 filters	€ 689	
WHKX 1.3/15G-6SS	1.3 GHz	0.81 GHz	0.92 GHz	1.03 GHz	Test Data Sheets with Netw. Analyzer Curves:		supplied
WHKX 1.4/15G-6SS	1.4 GHz	0.87 GHz	0.99 GHz	1.11 GHz			
WHKX 1.5/15G-6SS	1.5 GHz	0.93 GHz	1.06 GHz	1.19 GHz			
WHKX 1.6/15G-6SS	1.6 GHz	0.99 GHz	1.13 GHz	1.26 GHz			
WHKX 1.7/15G-6SS	1.7 GHz	1.05 GHz	1.20 GHz	1.34 GHz			
WHKX 1.8/15G-6SS	1.8 GHz	1.12 GHz	1.27 GHz	1.42 GHz			
WHKX 1.9/15G-6SS	1.9 GHz	1.18 GHz	1.34 GHz	1.50 GHz			
	to 18GHz						
WHKX 2.0/18G-6SS	2.0 GHz	1.24 GHz	1.41 GHz	1.58 GHz			
WHKX 2.1/18G-6SS	2.1 GHz	1.30 GHz	1.48 GHz	1.66 GHz			
WHKX 2.2/18G-6SS	2.2 GHz	1.36 GHz	1.55 GHz	1.74 GHz			
WHKX 2.3/18G-6SS	2.3 GHz	1.43 GHz	1.62 GHz	1.82 GHz			
WHKX 2.4/18G-6SS	2.4 GHz	1.49 GHz	1.69 GHz	1.90 GHz			
WHKX 2.5/18G-6SS	2.5 GHz	1.55 GHz	1.76 GHz	1.98 GHz			
WHKX 2.6/18G-6SS	2.6 GHz	1.61 GHz	1.83 GHz	2.05 GHz			
WHKX 2.7/18G-6SS	2.7 GHz	1.67 GHz	1.90 GHz	2.13 GHz			
WHKX 2.8/18G-6SS	2.8 GHz	1.74 GHz	2.04 GHz	2.21 GHz			
WHKX 2.9/18G-6SS	2.9 GHz	1.80 GHz	2.04 GHz	2.29 GHz			
WHKX 3.0/18G-6SS	3.0 GHz	1.86 GHz	2.12 GHz	2.37 GHz			

Delivery Terms: FCA Andechs-Frieding (free carrier) according to **Incoterms 2000**

Regarding payment terms and Warranty see [Terms and Conditions](#)

In Deutschland liefern wir frachtfrei gemäß CPT **Incoterms 2000** (unversichert).

Delivery Time: normally 3 to 4 weeks - depending on quantity ordered and on our work load at time of order.