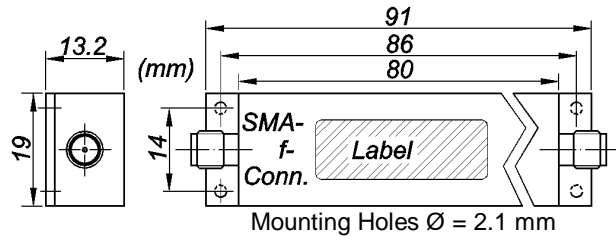
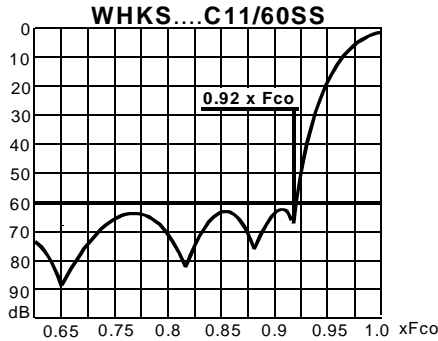




**Wainwright  
Instruments GmbH**

Widdersberger Str.14  
**D82346 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>Fco</b> between <b>20 and 499 MHz</b>	<b>Highpass Stock* Filters</b> Cauer (Elliptic) Design <b>C11/60SS</b>	<b>WHKS Series:</b> 13.2 mm high (SMA-female connectors)
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**Return Loss (50 Ω) in Passband** - at the worst point  
**Filters up to 224 MHz** Fco: 14 dB min. = VSWR 1.5 : 1 max.  
**Filters 225 to 1000 MHz** Fco: 12 dB min. = VSWR 1.67 : 1 max.

Model Number	Passband Fco to (MHz)	Max. Insertion Loss			Reject Attenuation 60 dB min. from DC to 0.92 x Fco =
		at Fco	at 1.03 x Fco	at 1.1 x Fco	
WHKS 20.0 C11/60SS	20.0 to 500	4.50 dB	2.80 dB	1.70 dB	DC to 18.4 MHz
WHKS 25.0 C11/60SS	25.0 to 500	2.50 dB	1.50 dB	1.10 dB	DC to 23.0 MHz
WHKS 30.0 C11/60SS	30.0 to 500	2.50 dB	1.50 dB	1.10 dB	DC to 27.6 MHz
WHKS 35.0 C11/60SS	35.0 to 500	2.50 dB	1.50 dB	1.10 dB	DC to 32.2 MHz
WHKS 40.0 C11/60SS	40.0 to 500	2.50 dB	1.50 dB	0.90 dB	DC to 36.8 MHz
WHKS 45.0 C11/60SS	45.0 to 500	2.50 dB	1.50 dB	0.90 dB	DC to 41.4 MHz
WHKS 50.0 C11/60SS	50.0 to 1000	2.50 dB	1.50 dB	0.90 dB	DC to 46.0 MHz
WHKS 60.0 C11/60SS	60.0 to 1000	2.50 dB	1.50 dB	0.90 dB	DC to 55.2 MHz
WHKS 70.0 C11/60SS	70.0 to 1000	2.50 dB	1.50 dB	0.90 dB	DC to 64.4 MHz
WHKS 80.0 C11/60SS	80.0 to 1000	2.50 dB	1.50 dB	0.90 dB	DC to 73.6 MHz
WHKS 90.0 C11/60SS	90.0 to 1000	2.50 dB	1.50 dB	0.90 dB	DC to 82.8 MHz
WHKS 100 C11/60SS	100.0 to 1000	2.30 dB	1.30 dB	0.80 dB	DC to 92.0 MHz
WHKS 115 C11/60SS	115.0 to 1500	2.30 dB	1.30 dB	0.80 dB	DC to 106.0 MHz
WHKS 130 C11/60SS	130.0 to 1500	2.30 dB	1.30 dB	0.80 dB	DC to 120.0 MHz
WHKS 150 C11/60SS	150.0 to 2000	1.80 dB	1.10 dB	0.80 dB	DC to 138.0 MHz
WHKS 175 C11/60SS	175.0 to 2000	1.80 dB	1.10 dB	0.80 dB	DC to 161.0 MHz
WHKS 200 C11/60SS	200.0 to 2000	1.80 dB	1.10 dB	0.80 dB	DC to 184.0 MHz
WHKS 225 C11/60SS	225.0 to 2000	1.80 dB	1.10 dB	0.80 dB	DC to 207.0 MHz
WHKS 250 C11/60SS	250.0 to 2000	1.80 dB	1.10 dB	0.80 dB	DC to 230.0 MHz
WHKS 275 C11/60SS	275.0 to 2000	1.80 dB	1.10 dB	0.80 dB	DC to 253.0 MHz
WHKS 300 C11/60SS	300.0 to 2000	1.80 dB	1.10 dB	0.80 dB	DC to 276.0 MHz
WHKS 350 C11/60SS	350.0 to 2000	1.80 dB	1.10 dB	0.80 dB	DC to 322.0 MHz
WHKS 400 C11/60SS	400.0 to 3000	1.80 dB	1.10 dB	0.80 dB	DC to 368.0 MHz
WHKS 450 C11/60SS	450.0 to 3000	1.80 dB	1.10 dB	0.80 dB	DC to 414.0 MHz

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

Choose any Fco between 20 MHz and 499 MHz and assign a **Model Number** by inserting the desired Fco.

**Example:** The Model Number of a 11 degree/60dB Cauer Highpass Filter with a cut-off frequency of 120 MHz is **WHKS 120C11/60SS**.

The insertion loss and dimensions of the listed **lower** frequency see **WHKS 115C11/60SS**.

PRICES (each)	EURO <sup>1)</sup>	US-\$ <sup>2)</sup>
1 to 4 filters	526	772
5 to 9 filters	474	625
10 to 24 filters	426	550
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

\*) **STOCK\* FILTERS** carry an "S" in the model number (i.e. WHKS 100C11/60SS). Such filters are either in stock or can be built quickly from prepared assemblies. The filters are guaranteed to meet the specifications shown in the data sheets. Certificate of Conformance supplied. Prices for Test Sheets see above

1) **EURO-Prices** are based on shipment ex factory, except for delivery within Germany, where shipping is included.

2) **US-\$-Prices** include packaging, shipping by UPS, import charges, and customs duty. Dollar prices for shipments to the USA only. **Customers from the USA are welcome to purchase at EURO-Prices** and carry postage/freight and all import charges directly.

**For more details see terms & ordering information.**

**Delivery time if not in stock:** normally 3 to 4 weeks - depending on work load in factory at time of order.