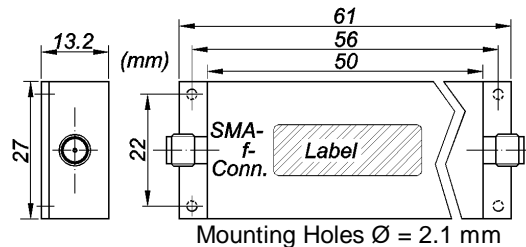
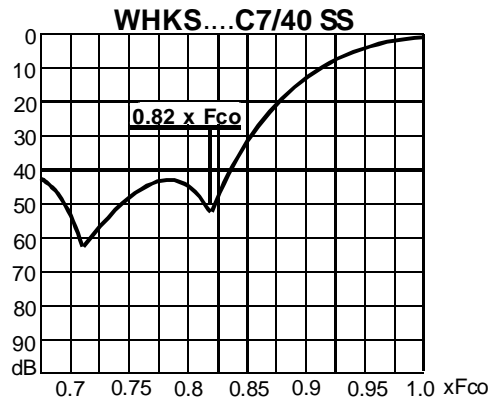




**Wainwright
Instruments GmbH**

Widdersberger Str.14
D82346 Andechs, Germany
Tel.: +49-8152-918230 Fax: +49-8152-918255
E-Mail: info@wainwright-filters.com
Internet: www.wainwright-filters.com

Fco between 0.075 and 19 MHz	Highpass Stock* Filters Cauer (Elliptic) Design C7/40SS	WHKS Series: 13.2 mm high (SMA-female connectors)
--	---	--



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	Max. Insertion Loss			Reject Attenuation
	Fco to (MHz)	at Fco	at 1.03 x Fco	at 1.1 x Fco	40 dB min. from DC to 0.82 x Fco =
WHKS 0.075 C7/40SS	0,075 to 100	0,80 dB	0,70 dB	0,60 dB	DC to 0,06150 MHz
WHKS 0.10 C7/40SS	0,10 to 100	0,80 dB	0,70 dB	0,60 dB	DC to 0,0820 MHz
WHKS 0.15 C7/40SS	0,15 to 100	0,70 dB	0,60 dB	0,50 dB	DC to 0,1230 MHz
WHKS 0.20 C7/40SS	0,20 to 100	0,70 dB	0,60 dB	0,50 dB	DC to 0,1640 MHz
WHKS 0.30 C7/40SS	0,30 to 100	0,70 dB	0,60 dB	0,50 dB	DC to 0,2460 MHz
WHKS 0.40 C7/40SS	0,40 to 100	0,70 dB	0,60 dB	0,50 dB	DC to 0,3280 MHz
WHKS 0.50 C7/40SS	0,50 to 100	0,70 dB	0,60 dB	0,50 dB	DC to 0,4100 MHz
WHKS 0.65 C7/40SS	0,65 to 100	0,70 dB	0,60 dB	0,50 dB	DC to 0,5330 MHz
WHKS 0.80 C7/40SS	0,80 to 100	0,70 dB	0,60 dB	0,50 dB	DC to 0,656 MHz
WHKS 1.00 C7/40SS	1,00 to 150	0,70 dB	0,60 dB	0,50 dB	DC to 0,820 MHz
WHKS 1.50 C7/40SS	1,50 to 150	0,70 dB	0,60 dB	0,50 dB	DC to 1,230 MHz
WHKS 2.00 C7/40SS	2,00 to 150	0,70 dB	0,60 dB	0,50 dB	DC to 1,64 MHz
WHKS 3.00 C7/40SS	3,00 to 150	1,00 dB	0,80 dB	0,70 dB	DC to 2,46 MHz
WHKS 4.00 C7/40SS	4,00 to 150	1,00 dB	0,80 dB	0,70 dB	DC to 3,28 MHz
WHKS 5.00 C7/40SS	5,00 to 350	1,30 dB	1,00 dB	0,80 dB	DC to 4,10 MHz
WHKS 7.50 C7/40SS	7,50 to 350	1,30 dB	1,00 dB	0,80 dB	DC to 6,15 MHz
WHKS 10.0 C7/40SS	10,00 to 350	1,30 dB	1,00 dB	0,80 dB	DC to 8,20 MHz
WHKS 15.0 C7/40SS	15,00 to 500	1,30 dB	1,00 dB	0,80 dB	DC to 12,30 MHz

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

Choose any Fco between 75 kHz and 19 MHz and assign a **Model Number** by inserting the desired Fco.

Example: The Model Number of a 7 degree/40dB Cauer Highpass Filter with a cut-off frequency of 12 MHz is **WHKS 12C7/40SS**. The insertion loss and dimensions of the listed **lower frequency** see **WHKS 10C7/40SS**.

PRICES (each)	EURO ¹⁾	US-\$ ²⁾
1 to 4 filters	328	543
5 to 9 filters	294	400
10 to 24 filters	265	350
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

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.

*) **STOCK* FILTERS** carry an "S" in the model number (i.e. WHKS 10C7/40SS). 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