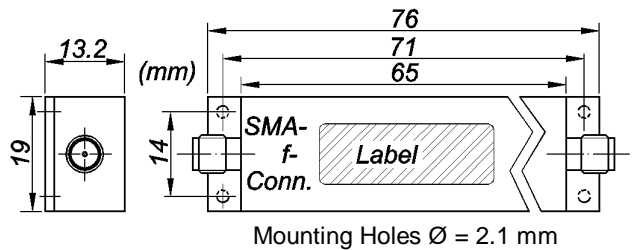
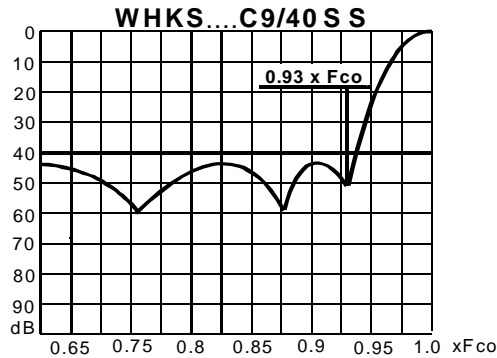




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<b>Fco</b> between <b>20 and 499 MHz</b>	<b>Highpass Stock* Filters</b> Cauer (Elliptic) Design <b>C9/40SS</b>	<b>WHKS Series:</b> 13.2 mm high (SMA-female connectors)
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**Return Loss (50 Ω) in Passband** - 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 40 dB min. from DC to 0.93 x Fco =
		at Fco	at 1.03 x Fco	at 1.1 x Fco	
WHKS 20.0 C9/40SS	20,0 to 400	3,30 dB	1,90 dB	1,20 dB	DC to 18,6 MHz
WHKS 25.0 C9/40SS	25,0 to 400	3,00 dB	1,60 dB	1,00 dB	DC to 23,2 MHz
WHKS 30.0 C9/40SS	30,0 to 400	2,50 dB	1,50 dB	0,90 dB	DC to 27,9 MHz
WHKS 35.0 C9/40SS	35,0 to 400	2,50 dB	1,50 dB	0,90 dB	DC to 32,5 MHz
WHKS 40.0 C9/40SS	40,0 to 800	2,00 dB	1,30 dB	0,80 dB	DC to 37,2 MHz
WHKS 45.0 C9/40SS	45,0 to 800	2,00 dB	1,30 dB	0,80 dB	DC to 41,8 MHz
WHKS 50.0 C9/40SS	50,0 to 800	2,00 dB	1,30 dB	0,80 dB	DC to 46,5 MHz
WHKS 60.0 C9/40SS	60,0 to 800	2,00 dB	1,30 dB	0,80 dB	DC to 55,8 MHz
WHKS 70.0 C9/40SS	70,0 to 800	2,00 dB	1,30 dB	0,80 dB	DC to 65,1 MHz
WHKS 80.0 C9/40SS	80,0 to 1000	1,50 dB	1,00 dB	0,70 dB	DC to 74,4 MHz
WHKS 90.0 C9/40SS	90,0 to 1000	1,50 dB	1,00 dB	0,70 dB	DC to 83,7 MHz
WHKS 100 C9/40SS	100,0 to 1200	1,50 dB	1,00 dB	0,70 dB	DC to 93,0 MHz
WHKS 115 C9/40SS	115,0 to 1200	1,50 dB	1,00 dB	0,70 dB	DC to 107,0 MHz
WHKS 130 C9/40SS	130,0 to 1200	1,50 dB	1,00 dB	0,70 dB	DC to 120,0 MHz
WHKS 150 C9/40SS	150,0 to 1500	1,50 dB	1,00 dB	0,70 dB	DC to 139,0 MHz
WHKS 175 C9/40SS	175,0 to 1500	1,50 dB	1,00 dB	0,70 dB	DC to 163,0 MHz
WHKS 200 C9/40SS	200,0 to 2000	1,30 dB	0,90 dB	0,60 dB	DC to 186,0 MHz
WHKS 225 C9/40SS	225,0 to 2000	1,30 dB	0,90 dB	0,60 dB	DC to 209,0 MHz
WHKS 250 C9/40SS	250,0 to 2000	1,30 dB	0,90 dB	0,60 dB	DC to 232,0 MHz
WHKS 275 C9/40SS	275,0 to 2000	1,30 dB	0,90 dB	0,60 dB	DC to 255,0 MHz
WHKS 300 C9/40SS	300,0 to 2000	1,30 dB	0,90 dB	0,60 dB	DC to 279,0 MHz
WHKS 350 C9/40SS	350,0 to 2000	1,30 dB	0,90 dB	0,60 dB	DC to 325,0 MHz
WHKS 400 C9/40SS	400,0 to 3000	1,30 dB	0,90 dB	0,60 dB	DC to 372,0 MHz
WHKS 450 C9/40SS	450,0 to 3000	1,30 dB	0,90 dB	0,60 dB	DC to 418,0 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 9 degree/40dB Cauer Highpass Filter with a cut-off frequency of 120 MHz is **WHKS 120C9/40SS**. The insertion loss and dimensions of the listed **lower frequency** see **WHKS 115C9/40SS**.

PRICES (each)	EURO <sup>1)</sup>	US-\$ <sup>2)</sup>
1 to 4 filters	365	586
5 to 9 filters	329	445
10 to 24 filters	296	389
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 100C9/40SS). 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

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