



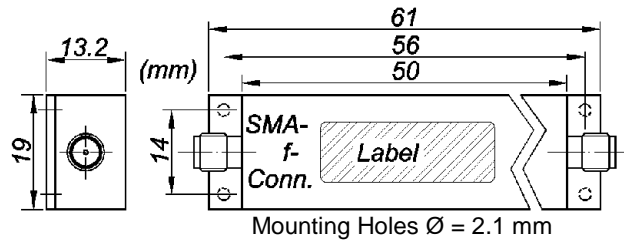
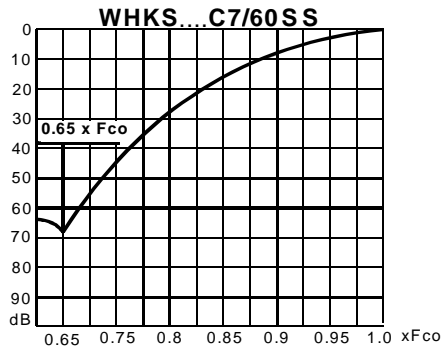
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**Fco**  
 between  
**20 and 499 MHz**

**Highpass Standard\* Filters**  
**Cauer (Elliptic) Design**  
**C7/60SS**

**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 Fco to (MHz)	Max. Insertion Loss			Reject Attenuation 60 dB min. from DC to 0.65 x Fco =
		at Fco	at 1.03 x Fco	at 1.1 x Fco	
WHKS 20.0 C7/60SS	20 to 500	1.30 dB	1.00 dB	0.80 dB	DC to 13 MHz
WHKS 25.0 C7/60SS	25 to 500	1.00 dB	0.80 dB	0.70 dB	DC to 16.2 MHz
WHKS 30.0 C7/60SS	30 to 500	1.00 dB	0.80 dB	0.70 dB	DC to 19.5 MHz
WHKS 35.0 C7/60SS	35 to 700	1.00 dB	0.80 dB	0.70 dB	DC to 22.7 MHz
WHKS 40.0 C7/60SS	40 to 700	0.80 dB	0.70 dB	0.60 dB	DC to 26 MHz
WHKS 45.0 C7/60SS	45 to 700	0.80 dB	0.70 dB	0.60 dB	DC to 29.2 MHz
WHKS 50.0 C7/60SS	50 to 1000	0.80 dB	0.70 dB	0.60 dB	DC to 32.5 MHz
WHKS 60.0 C7/60SS	60 to 1000	0.80 dB	0.70 dB	0.60 dB	DC to 39 MHz
WHKS 70.0 C7/60SS	70 to 1000	0.80 dB	0.70 dB	0.60 dB	DC to 45.5 MHz
WHKS 80.0 C7/60SS	80 to 1200	0.80 dB	0.70 dB	0.60 dB	DC to 52 MHz
WHKS 90.0 C7/60SS	90 to 1200	0.80 dB	0.70 dB	0.60 dB	DC to 58.5 MHz
WHKS 100 C7/60SS	100 to 1500	0.80 dB	0.70 dB	0.60 dB	DC to 65 MHz
WHKS 115 C7/60SS	115 to 1500	0.70 dB	0.60 dB	0.50 dB	DC to 74.7 MHz
WHKS 130 C7/60SS	130 to 1500	0.70 dB	0.60 dB	0.50 dB	DC to 84.5 MHz
WHKS 150 C7/60SS	150 to 1700	0.70 dB	0.60 dB	0.50 dB	DC to 97.5 MHz
WHKS 175 C7/60SS	175 to 1700	0.70 dB	0.60 dB	0.50 dB	DC to 113 MHz
WHKS 200 C7/60SS	200 to 2000	0.70 dB	0.60 dB	0.50 dB	DC to 130 MHz
WHKS 225 C7/60SS	225 to 2000	0.70 dB	0.60 dB	0.50 dB	DC to 146 MHz
WHKS 250 C7/60SS	250 to 2000	0.70 dB	0.60 dB	0.50 dB	DC to 162 MHz
WHKS 275 C7/60SS	275 to 2000	0.70 dB	0.60 dB	0.50 dB	DC to 178 MHz
WHKS 300 C7/60SS	300 to 2000	0.70 dB	0.60 dB	0.50 dB	DC to 195 MHz
WHKS 350 C7/60SS	350 to 2000	0.70 dB	0.60 dB	0.50 dB	DC to 227 MHz
WHKS 400 C7/60SS	400 to 3000	0.70 dB	0.60 dB	0.50 dB	DC to 260 MHz
WHKS 450 C7/60SS	450 to 3000	0.70 dB	0.60 dB	0.50 dB	DC to 292 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 7 degree/60dB Cauer Highpass Filter with a cut-off frequency of 120 MHz is **WHKS 120C7/60SS**. For insertion loss and dimensions of the listed **lower frequency** see **WHKS 115C7/60SS**.

PRICES (each)	EURO	US-\$
1 to 4 filters	285	Will be quoted
5 to 9 filters	256	
10 to 24 filters	230	
Test Report with Analyzer Curves:	15	
Cert. of Conformance:	supplied	

**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.

\*) **Standard Filters carry an "S" in the model number** (i.e. WHKS 100C7/60SS). 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