



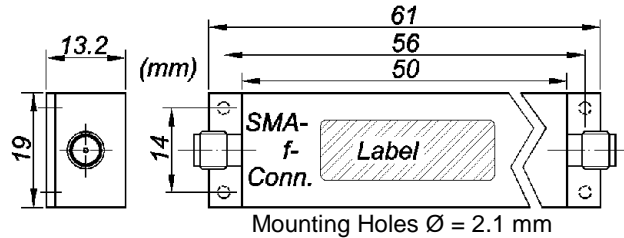
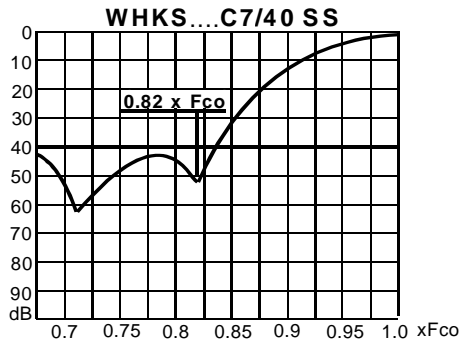
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Fco
 between
20 and 499 MHz

Highpass Standard* 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 Fco to (MHz)	Max. Insertion Loss			Reject Attenuation 40 dB min. from DC to 0.82 x Fco =
		at Fco	at 1.03 x Fco	at 1.1 x Fco	
WHKS 20.0 C7/40 SS	20 to 500	1.30 dB	1.00 dB	0.80 dB	DC to 16.4 MHz
WHKS 25.0 C7/40 SS	25 to 500	1.00 dB	0.80 dB	0.70 dB	DC to 20.5 MHz
WHKS 30.0 C7/40 SS	30 to 500	1.00 dB	0.80 dB	0.70 dB	DC to 24.6 MHz
WHKS 35.0 C7/40 SS	35 to 700	1.00 dB	0.80 dB	0.70 dB	DC to 28.7 MHz
WHKS 40.0 C7/40 SS	40 to 700	0.80 dB	0.70 dB	0.60 dB	DC to 32.8 MHz
WHKS 45.0 C7/40 SS	45 to 700	0.80 dB	0.70 dB	0.60 dB	DC to 36.9 MHz
WHKS 50.0 C7/40 SS	50 to 1000	0.80 dB	0.70 dB	0.60 dB	DC to 41 MHz
WHKS 60.0 C7/40 SS	60 to 1000	0.80 dB	0.70 dB	0.60 dB	DC to 49.2 MHz
WHKS 70.0 C7/40 SS	70 to 1000	0.80 dB	0.70 dB	0.60 dB	DC to 57.4 MHz
WHKS 80.0 C7/40 SS	80 to 1200	0.80 dB	0.70 dB	0.60 dB	DC to 65.6 MHz
WHKS 90.0 C7/40 SS	90 to 1200	0.80 dB	0.70 dB	0.60 dB	DC to 73.8 MHz
WHKS 100 C7/40 SS	100 to 1300	0.80 dB	0.70 dB	0.60 dB	DC to 82 MHz
WHKS 115 C7/40 SS	115 to 1300	0.70 dB	0.60 dB	0.50 dB	DC to 94.3 MHz
WHKS 130 C7/40 SS	130 to 1300	0.70 dB	0.60 dB	0.50 dB	DC to 106 MHz
WHKS 150 C7/40 SS	150 to 1700	0.70 dB	0.60 dB	0.50 dB	DC to 123 MHz
WHKS 175 C7/40 SS	175 to 1700	0.70 dB	0.60 dB	0.50 dB	DC to 143 MHz
WHKS 200 C7/40 SS	200 to 2000	0.70 dB	0.60 dB	0.50 dB	DC to 164 MHz
WHKS 225 C7/40 SS	225 to 2000	0.70 dB	0.60 dB	0.50 dB	DC to 184 MHz
WHKS 250 C7/40 SS	250 to 2000	0.70 dB	0.60 dB	0.50 dB	DC to 205 MHz
WHKS 275 C7/40 SS	275 to 2000	0.70 dB	0.60 dB	0.50 dB	DC to 225 MHz
WHKS 300 C7/40 SS	300 to 2000	0.70 dB	0.60 dB	0.50 dB	DC to 246 MHz
WHKS 350 C7/40 SS	350 to 2000	0.70 dB	0.60 dB	0.50 dB	DC to 287 MHz
WHKS 400 C7/40 SS	400 to 3000	0.70 dB	0.60 dB	0.50 dB	DC to 328 MHz
WHKS 450 C7/40 SS	450 to 3000	0.70 dB	0.60 dB	0.50 dB	DC to 369 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/40dB Cauer Highpass Filter with a cut-off frequency of 120 MHz is **WHKS 120C7/40SS**. For insertion loss and dimensions of the listed **lower frequency** see **WHKS 115C7/40SS**.

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 100C7/40SS). 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