



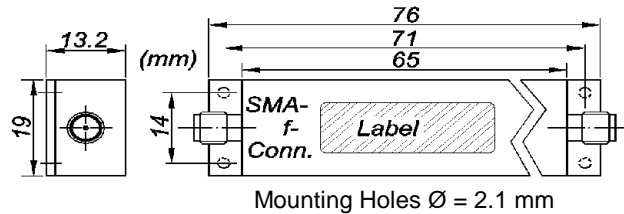
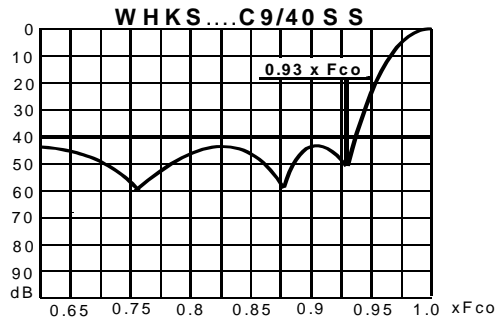
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Fco
 between
20 and 499 MHz

Highpass Standard* Filters
Cauer (Elliptic) Design
C9/40SS

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 0.93 x Fco =
		at Fco	at 1.03 x Fco	at 1.1 x Fco	
WHKS 20.0 C9/40SS	20 to 400	3.30 dB	1.90 dB	1.20 dB	DC to 18.6 MHz
WHKS 25.0 C9/40SS	25 to 400	3.00 dB	1.60 dB	1.00 dB	DC to 23.2 MHz
WHKS 30.0 C9/40SS	30 to 400	2.50 dB	1.50 dB	0.90 dB	DC to 27.9 MHz
WHKS 35.0 C9/40SS	35 to 400	2.50 dB	1.50 dB	0.90 dB	DC to 32.5 MHz
WHKS 40.0 C9/40SS	40 to 800	2.00 dB	1.30 dB	0.80 dB	DC to 37.2 MHz
WHKS 45.0 C9/40SS	45 to 800	2.00 dB	1.30 dB	0.80 dB	DC to 41.8 MHz
WHKS 50.0 C9/40SS	50 to 800	2.00 dB	1.30 dB	0.80 dB	DC to 46.5 MHz
WHKS 60.0 C9/40SS	60 to 800	2.00 dB	1.30 dB	0.80 dB	DC to 55.8 MHz
WHKS 70.0 C9/40SS	70 to 800	2.00 dB	1.30 dB	0.80 dB	DC to 65.1 MHz
WHKS 80.0 C9/40SS	80 to 1000	1.50 dB	1.00 dB	0.70 dB	DC to 74.4 MHz
WHKS 90.0 C9/40SS	90 to 1000	1.50 dB	1.00 dB	0.70 dB	DC to 83.7 MHz
WHKS 100 C9/40SS	100 to 1200	1.50 dB	1.00 dB	0.70 dB	DC to 93 MHz
WHKS 115 C9/40SS	115 to 1200	1.50 dB	1.00 dB	0.70 dB	DC to 107 MHz
WHKS 130 C9/40SS	130 to 1200	1.50 dB	1.00 dB	0.70 dB	DC to 120 MHz
WHKS 150 C9/40SS	150 to 1500	1.50 dB	1.00 dB	0.70 dB	DC to 139 MHz
WHKS 175 C9/40SS	175 to 1500	1.50 dB	1.00 dB	0.70 dB	DC to 163 MHz
WHKS 200 C9/40SS	200 to 2000	1.30 dB	0.90 dB	0.60 dB	DC to 186 MHz
WHKS 225 C9/40SS	225 to 2000	1.30 dB	0.90 dB	0.60 dB	DC to 209 MHz
WHKS 250 C9/40SS	250 to 2000	1.30 dB	0.90 dB	0.60 dB	DC to 232 MHz
WHKS 275 C9/40SS	275 to 2000	1.30 dB	0.90 dB	0.60 dB	DC to 255 MHz
WHKS 300 C9/40SS	300 to 2000	1.30 dB	0.90 dB	0.60 dB	DC to 279 MHz
WHKS 350 C9/40SS	350 to 2000	1.30 dB	0.90 dB	0.60 dB	DC to 325 MHz
WHKS 400 C9/40SS	400 to 3000	1.30 dB	0.90 dB	0.60 dB	DC to 372 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**. For insertion loss and dimensions of the listed **lower frequency** see **WHKS 115C9/40SS**.

PRICES (each)	EURO	US-\$
1 to 4 filters	365	Will be quoted
5 to 9 filters	329	
10 to 24 filters	296	
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.