



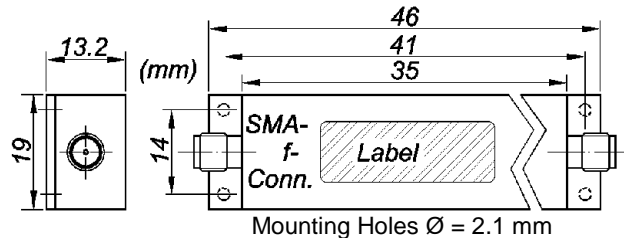
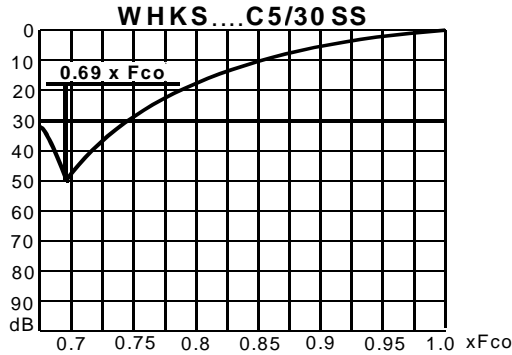
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Fco
 between
20 and 499 MHz

Highpass Standard* Filters
Cauer (Elliptic) Design
C5/30SS

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 0.69 x Fco =
		at Fco	at 1.03 x Fco	at 1.1 x Fco	
WHKS 20.0 C5/30SS	20 to 500	0.60 dB	0.50 dB	0.40 dB	DC to 13.8 MHz
WHKS 25.0 C5/30SS	25 to 500	0.50 dB	0.40 dB	0.30 dB	DC to 17.2 MHz
WHKS 30.0 C5/30SS	30 to 700	0.50 dB	0.40 dB	0.30 dB	DC to 20.7 MHz
WHKS 35.0 C5/30SS	35 to 700	0.50 dB	0.40 dB	0.30 dB	DC to 24.1 MHz
WHKS 40.0 C5/30SS	40 to 1000	0.50 dB	0.40 dB	0.30 dB	DC to 27.6 MHz
WHKS 45.0 C5/30SS	45 to 1000	0.50 dB	0.40 dB	0.30 dB	DC to 31 MHz
WHKS 50.0 C5/30SS	50 to 1200	0.50 dB	0.40 dB	0.30 dB	DC to 34.5 MHz
WHKS 60.0 C5/30SS	60 to 1200	0.50 dB	0.40 dB	0.30 dB	DC to 41.4 MHz
WHKS 70.0 C5/30SS	70 to 1200	0.50 dB	0.40 dB	0.30 dB	DC to 48.3 MHz
WHKS 80.0 C5/30SS	80 to 1200	0.50 dB	0.40 dB	0.30 dB	DC to 55.2 MHz
WHKS 90.0 C5/30SS	90 to 1500	0.50 dB	0.40 dB	0.30 dB	DC to 62.1 MHz
WHKS 100 C5/30SS	100 to 1500	0.50 dB	0.40 dB	0.30 dB	DC to 69 MHz
WHKS 115 C5/30SS	115 to 1500	0.50 dB	0.40 dB	0.30 dB	DC to 79.3 MHz
WHKS 130 C5/30SS	130 to 1700	0.50 dB	0.40 dB	0.30 dB	DC to 89.7 MHz
WHKS 150 C5/30SS	150 to 1700	0.50 dB	0.40 dB	0.30 dB	DC to 103 MHz
WHKS 175 C5/30SS	175 to 1700	0.50 dB	0.40 dB	0.30 dB	DC to 120 MHz
WHKS 200 C5/30SS	200 to 2000	0.50 dB	0.40 dB	0.30 dB	DC to 138 MHz
WHKS 225 C5/30SS	225 to 2000	0.50 dB	0.40 dB	0.30 dB	DC to 155 MHz
WHKS 250 C5/30SS	250 to 2000	0.50 dB	0.40 dB	0.30 dB	DC to 172 MHz
WHKS 275 C5/30SS	275 to 2000	0.50 dB	0.40 dB	0.30 dB	DC to 190 MHz
WHKS 300 C5/30SS	300 to 2000	0.50 dB	0.40 dB	0.30 dB	DC to 207 MHz
WHKS 350 C5/30SS	350 to 2000	0.50 dB	0.40 dB	0.30 dB	DC to 241 MHz
WHKS 400 C5/30SS	400 to 3000	0.50 dB	0.40 dB	0.30 dB	DC to 276 MHz
WHKS 450 C5/30SS	450 to 3000	0.50 dB	0.40 dB	0.30 dB	DC to 310 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 5 degree/30dB Cauer Highpass Filter with a cut-off frequency of 120 MHz is **WHKS 120C5/30SS**. For insertion loss and dimensions of the listed **lower frequency** see **WHKS 115C5/30SS**.

PRICES (each)	EURO	US-\$
1 to 4 filters	226	Will be quoted
5 to 9 filters	203	
10 to 24 filters	183	
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 100C5/30SS). 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