

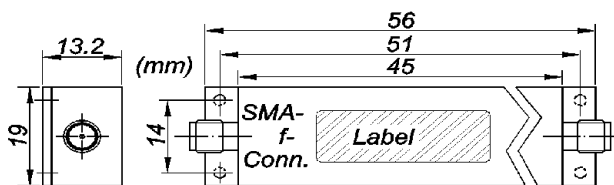
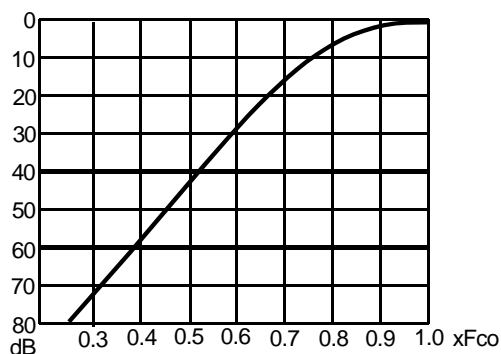


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<b>Fco between 35 and 184 MHz</b>	<b>Highpass Standard* Filters Chebyshev Design 3 Sections</b>	<b>WHKS Series: 13.2 mm high (SMA-female connectors)</b>
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Mounting Holes  $\varnothing = 2.1$  mm

**Return Loss (50  $\Omega$ ) in Passband:**  
near Fco: **20 dB typical** = VSWR 1.23 : 1 max.  
at the worst point: **14 dB min.** = VSWR 1.5 : 1 max.

Model Number	Passband MHz	Max. Insertion Loss			Reject Attenuation	
		at Fco	at 1.03 x Fco	at 1.1 x Fco	40 dB min. at 0.52 x Fco	60 dB min. from DC to 0.39 x Fco
WHKS 35-3SS	35 to 1000	0.63 dB	0.52 dB	0.44 dB	18.2 MHz	DC to 13.7 MHz
WHKS 40-3SS	40 to 1000	0.57 dB	0.48 dB	0.42 dB	20.8 MHz	DC to 15.6 MHz
WHKS 45-3SS	45 to 1000	0.51 dB	0.44 dB	0.40 dB	23.4 MHz	DC to 17.6 MHz
WHKS 50-3SS	50 to 1250	0.44 dB	0.39 dB	0.38 dB	26.0 MHz	DC to 19.5 MHz
WHKS 55-3SS	55 to 1250	0.44 dB	0.39 dB	0.38 dB	28.6 MHz	DC to 21.5 MHz
WHKS 60-3SS	60 to 1250	0.44 dB	0.39 dB	0.38 dB	31.2 MHz	DC to 23.4 MHz
WHKS 65-3SS	65 to 1500	0.44 dB	0.39 dB	0.38 dB	33.8 MHz	DC to 25.4 MHz
WHKS 70-3SS	70 to 1500	0.44 dB	0.39 dB	0.38 dB	36.4 MHz	DC to 27.3 MHz
WHKS 75-3SS	75 to 1500	0.44 dB	0.39 dB	0.38 dB	39.0 MHz	DC to 29.3 MHz
WHKS 80-3SS	80 to 1500	0.44 dB	0.39 dB	0.38 dB	41.6 MHz	DC to 31.2 MHz
WHKS 90-3SS	90 to 1500	0.44 dB	0.39 dB	0.38 dB	46.8 MHz	DC to 35.1 MHz
WHKS 100-3SS	100 to 2000	0.41 dB	0.38 dB	0.37 dB	52.0 MHz	DC to 39.0 MHz
WHKS 110-3SS	110 to 2000	0.41 dB	0.38 dB	0.37 dB	57.2 MHz	DC to 42.9 MHz
WHKS 120-3SS	120 to 2000	0.41 dB	0.38 dB	0.37 dB	62.4 MHz	DC to 46.8 MHz
WHKS 130-3SS	130 to 2000	0.41 dB	0.38 dB	0.37 dB	67.6 MHz	DC to 50.7 MHz
WHKS 140-3SS	140 to 2000	0.41 dB	0.38 dB	0.37 dB	72.8 MHz	DC to 54.6 MHz
WHKS 150-3SS	150 to 2000	0.41 dB	0.38 dB	0.37 dB	78.0 MHz	DC to 58.5 MHz
WHKS 160-3SS	160 to 2000	0.41 dB	0.38 dB	0.37 dB	83.2 MHz	DC to 62.4 MHz
WHKS 170-3SS	170 to 2000	0.41 dB	0.38 dB	0.37 dB	88.4 MHz	DC to 66.3 MHz

Filters with **cut-off frequencies** that are **not listed above**:

Choose any Fco between 35 and 184 MHz and assign a **Model Number** by inserting the desired Fco.

**Example = WHKS 125-3SS.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WHKS 125-3SS - see filter WHKS 120-3SS.

PRICES (each)	EURO	US-\$
1 to 4 filters	204	Will be quoted
5 to 9 filters	184	
10 to 24 filters	165	
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 120-3SS). 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 is supplied. Prices for Test Sheets see above.