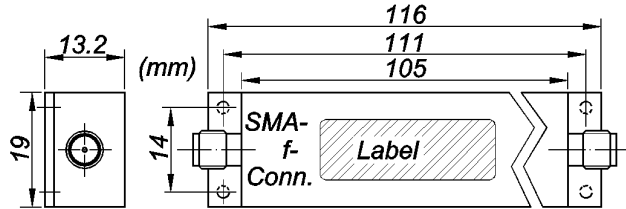
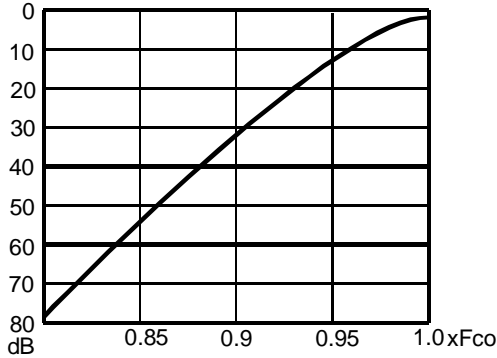




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Fco between 35 and 184 MHz	Highpass Stock* Filters Chebyshev Design 9 Sections	WHKS Series: 13.2 mm high (SMA-female connectors)
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Mounting Holes $\varnothing = 2.1$ mm

Return Loss (50 Ω) 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 0.885 x Fco =	60 dB min. from DC to 0.835 x Fco =
WHKS 35-9SS	35 to 1000	3.56 dB	2.27 dB	1.63 dB	31.0 MHz	DC to 29.2 MHz
WHKS 40-9SS	40 to 1000	3.29 dB	2.10 dB	1.51 dB	35.4 MHz	DC to 33.4 MHz
WHKS 45-9SS	45 to 1000	3.03 dB	1.93 dB	1.39 dB	39.8 MHz	DC to 37.6 MHz
WHKS 50-9SS	50 to 1250	2.74 dB	1.75 dB	1.25 dB	44.3 MHz	DC to 41.8 MHz
WHKS 55-9SS	55 to 1250	2.74 dB	1.75 dB	1.25 dB	48.7 MHz	DC to 45.9 MHz
WHKS 60-9SS	60 to 1250	2.74 dB	1.75 dB	1.25 dB	53.1 MHz	DC to 50.1 MHz
WHKS 65-9SS	65 to 1500	2.56 dB	1.66 dB	1.21 dB	57.5 MHz	DC to 54.3 MHz
WHKS 70-9SS	70 to 1500	2.56 dB	1.66 dB	1.21 dB	62.0 MHz	DC to 58.5 MHz
WHKS 75-9SS	75 to 1500	2.38 dB	1.58 dB	1.17 dB	66.4 MHz	DC to 62.6 MHz
WHKS 80-9SS	80 to 1500	2.38 dB	1.58 dB	1.17 dB	70.8 MHz	DC to 66.8 MHz
WHKS 90-9SS	90 to 1500	2.20 dB	1.50 dB	1.13 dB	79.7 MHz	DC to 75.2 MHz
WHKS 100-9SS	100 to 2000	2.03 dB	1.42 dB	1.10 dB	88.5 MHz	DC to 83.5 MHz
WHKS 110-9SS	110 to 2000	2.03 dB	1.42 dB	1.10 dB	97.4 MHz	DC to 91.9 MHz
WHKS 120-9SS	120 to 2000	2.03 dB	1.42 dB	1.10 dB	106.0 MHz	DC to 100 MHz
WHKS 130-9SS	130 to 2000	1.83 dB	1.31 dB	1.06 dB	115.0 MHz	DC to 109 MHz
WHKS 140-9SS	140 to 2000	1.83 dB	1.31 dB	1.06 dB	124.0 MHz	DC to 117 MHz
WHKS 150-9SS	150 to 2000	1.83 dB	1.31 dB	1.06 dB	133.0 MHz	DC to 125 MHz
WHKS 160-9SS	160 to 2000	1.64 dB	1.20 dB	1.02 dB	142.0 MHz	DC to 134 MHz
WHKS 170-9SS	170 to 2000	1.64 dB	1.20 dB	1.02 dB	151.0 MHz	DC to 142 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 125-9SS. The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WHKS 125-9SS see filter WHKS 120-9SS.

PRICES (each)	EURO ¹⁾	US-\$ ²⁾
1 to 4 filters	414	643
5 to 9 filters	372	500
10 to 24 filters	335	440
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

STOCK* FILTERS carry an „S“ in the model number (i.e. WHKS 120-9SS). 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.

¹⁾ **EURO-Prices** are based on shipment ex factory, except for delivery within Germany, where shipping is included.

²⁾ **US-\$-Prices** include packaging, shipping by UPS, import charges, and customs duty. Dollar prices for shipments to the US only. **Customers from the USA are welcome to purchase at EURO-Prices** and carry postage/freight and all import charges directly.

For more details see terms & ordering information.

Delivery time if not in stock: normally 3 to 4 weeks - depending on work load in factory at time of order.