

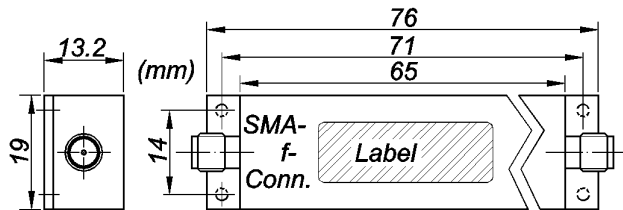
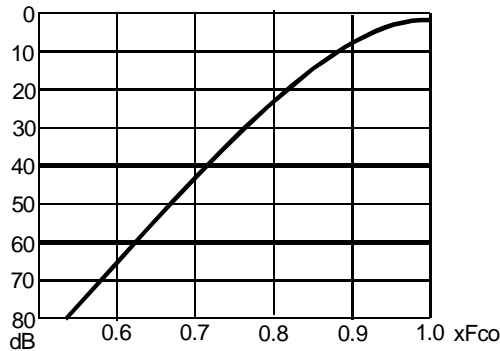


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Fco between 35 and 184 MHz	Highpass Stock* Filters Chebyshev Design 5 Sections	WHKS Series: 13.2 mm high (SMA-female connectors)
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Mounting Holes $\varnothing = 2.1$ mm

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 0.735 x Fco =	60 dB min. from DC to 0.63 x Fco =
WHKS 35-5SS	35 to 1000	1.12 dB	0.96 dB	0.74 dB	25.7 MHz	DC to 22.1 MHz
WHKS 40-5SS	40 to 1000	1.03 dB	0.87 dB	0.70 dB	29.4 MHz	DC to 25.2 MHz
WHKS 45-5SS	45 to 1000	0.94 dB	0.78 dB	0.65 dB	33.1 MHz	DC to 28.4 MHz
WHKS 50-5SS	50 to 1250	0.85 dB	0.67 dB	0.60 dB	36.8 MHz	DC to 31.5 MHz
WHKS 55-5SS	55 to 1250	0.85 dB	0.67 dB	0.60 dB	40.4 MHz	DC to 34.7 MHz
WHKS 60-5SS	60 to 1250	0.85 dB	0.67 dB	0.60 dB	44.1 MHz	DC to 37.8 MHz
WHKS 65-5SS	65 to 1500	0.85 dB	0.67 dB	0.60 dB	47.8 MHz	DC to 41.0 MHz
WHKS 70-5SS	70 to 1500	0.85 dB	0.67 dB	0.60 dB	51.5 MHz	DC to 44.1 MHz
WHKS 75-5SS	75 to 1500	0.85 dB	0.67 dB	0.60 dB	55.1 MHz	DC to 47.3 MHz
WHKS 80-5SS	80 to 1500	0.85 dB	0.67 dB	0.60 dB	58.8 MHz	DC to 50.4 MHz
WHKS 90-5SS	90 to 1500	0.85 dB	0.67 dB	0.60 dB	66.2 MHz	DC to 56.7 MHz
WHKS 100-5SS	100 to 2000	0.76 dB	0.65 dB	0.54 dB	73.5 MHz	DC to 63.0 MHz
WHKS 110-5SS	110 to 2000	0.76 dB	0.65 dB	0.54 dB	80.9 MHz	DC to 69.3 MHz
WHKS 120-5SS	120 to 2000	0.76 dB	0.65 dB	0.54 dB	88.2 MHz	DC to 75.6 MHz
WHKS 130-5SS	130 to 2000	0.76 dB	0.65 dB	0.54 dB	95.6 MHz	DC to 81.9 MHz
WHKS 140-5SS	140 to 2000	0.76 dB	0.65 dB	0.54 dB	103.0 MHz	DC to 88.2 MHz
WHKS 150-5SS	150 to 2000	0.76 dB	0.65 dB	0.54 dB	110.0 MHz	DC to 94.5 MHz
WHKS 160-5SS	160 to 2000	0.76 dB	0.65 dB	0.54 dB	118.0 MHz	DC to 101 MHz
WHKS 170-5SS	170 to 2000	0.76 dB	0.65 dB	0.54 dB	125.0 MHz	DC to 107 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 125-5SS. The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WHKS 125-5SS see filter WHKS 120-5SS.

PRICES (each)	EURO ¹⁾	US-\$ ²⁾
1 to 4 filters	252	456
5 to 9 filters	227	320
10 to 24 filters	205	275
Test Data Sheets:	10	10
Netw. Analyzer Curves:	15	15
Cert. of Conformance:	supplied	

STOCK* FILTERS carry an „S“ in the model number (i.e. WHKS 120-5SS). 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.