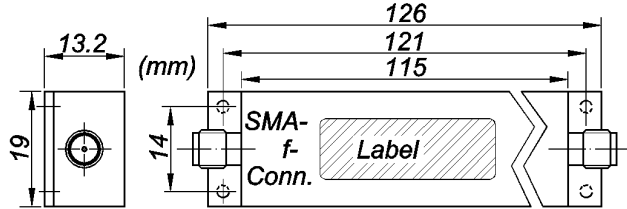
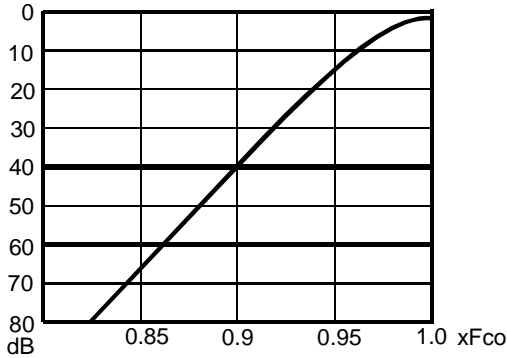




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<b>Fco between 35 and 184 MHz</b>	<b>Highpass Stock* Filters</b> <b>Chebyshev Design</b> <b>10 Sections</b>	<b>WHKS Series:</b> 13.2 mm high (SMA-female connectors)
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Mounting Holes  $\varnothing = 2.1$  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 0.9 x Fco =	60 dB min. from DC to 0.86 x Fco =
WHKS 35-10SS	35 to 1000	4.80 dB	2.86 dB	1.98 dB	31.5 MHz	DC to 30.1 MHz
WHKS 40-10SS	40 to 1000	4.44 dB	2.64 dB	1.83 dB	36.0 MHz	DC to 34.4 MHz
WHKS 45-10SS	45 to 1000	4.08 dB	2.42 dB	1.68 dB	40.5 MHz	DC to 38.7 MHz
WHKS 50-10SS	50 to 1250	3.70 dB	2.20 dB	1.53 dB	45.0 MHz	DC to 43.0 MHz
WHKS 55-10SS	55 to 1250	3.70 dB	2.20 dB	1.53 dB	49.5 MHz	DC to 47.3 MHz
WHKS 60-10SS	60 to 1250	3.58 dB	2.11 dB	1.48 dB	54.0 MHz	DC to 51.6 MHz
WHKS 65-10SS	65 to 1500	3.58 dB	2.11 dB	1.48 dB	58.5 MHz	DC to 55.9 MHz
WHKS 70-10SS	70 to 1500	3.46 dB	2.03 dB	1.42 dB	63.0 MHz	DC to 60.2 MHz
WHKS 75-10SS	75 to 1500	3.33 dB	1.92 dB	1.36 dB	67.5 MHz	DC to 64.5 MHz
WHKS 80-10SS	80 to 1500	3.21 dB	1.83 dB	1.30 dB	72.0 MHz	DC to 68.8 MHz
WHKS 90-10SS	90 to 1500	3.09 dB	1.74 dB	1.25 dB	81.0 MHz	DC to 77.4 MHz
WHKS 100-10SS	100 to 2000	2.96 dB	1.64 dB	1.20 dB	90.0 MHz	DC to 86.0 MHz
WHKS 110-10SS	110 to 2000	2.96 dB	1.64 dB	1.20 dB	99.0 MHz	DC to 94.6 MHz
WHKS 120-10SS	120 to 2000	2.67 dB	1.58 dB	1.18 dB	108.0 MHz	DC to 103 MHz
WHKS 130-10SS	130 to 2000	2.67 dB	1.58 dB	1.18 dB	117.0 MHz	DC to 112 MHz
WHKS 140-10SS	140 to 2000	2.38 dB	1.52 dB	1.16 dB	126.0 MHz	DC to 120 MHz
WHKS 150-10SS	150 to 2000	2.38 dB	1.52 dB	1.16 dB	135.0 MHz	DC to 129 MHz
WHKS 160-10SS	160 to 2000	2.09 dB	1.46 dB	1.14 dB	144.0 MHz	DC to 138 MHz
WHKS 170-10SS	170 to 2000	1.80 dB	1.40 dB	1.12 dB	153.0 MHz	DC to 146 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 125-10SS.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WHKS 125-10SS see filter WHKS 120-10SS.

PRICES (each)	EURO <sup>1)</sup>	US-\$ <sup>2)</sup>
1 to 4 filters	467	700
5 to 9 filters	420	560
10 to 24 filters	378	490
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

- 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.

**STOCK\* FILTERS** carry an „S“ in the model number (i.e. WHKS 120-10SS). 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.

**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.