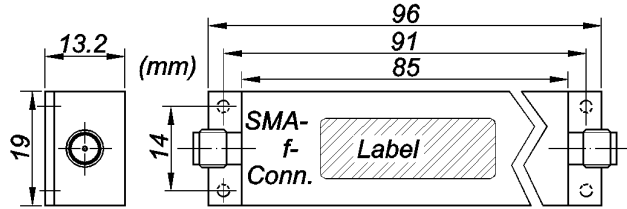
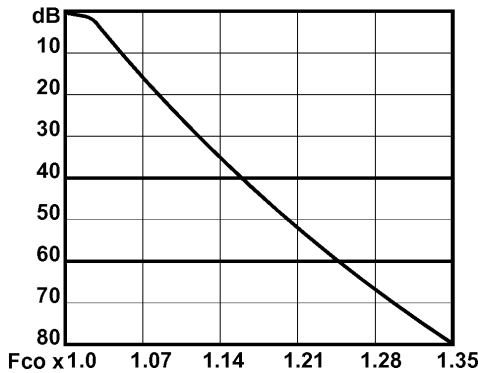




**Wainwright  
Instruments GmbH**

Widdersberger Str.14  
**D82346 Andechs, Germany**  
 Tel.: +49-8152-918230 Fax: +49-8152-918255  
 E-Mail: [info@wainwright-filters.com](mailto:info@wainwright-filters.com)  
 Internet: [www.wainwright-filters.com](http://www.wainwright-filters.com)

<b>Fco between 35 and 184 MHz</b>	<b>Lowpass Stock* Filters</b> <b>Chebyshev Design</b> <b>8 Sections</b>	<b>WLKS Series:</b> 13.2 mm high (SMA-female connectors)
---	---	--



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 DC to Fco	Max. Insertion Loss			Reject Attenuation	
		at Fco	at 0.97 x Fco	at 0.90 x Fco	40 dB min. at 1.16 x Fco =	60 dB min. from 1.24 x Fco to
WLKS 35-8SS	35 MHz	1.80 dB	1.40 dB	1.10 dB	40.6 MHz	43.4 to 6000 MHz
WLKS 40-8SS	40 MHz	1.70 dB	1.35 dB	1.05 dB	46.4 MHz	49.6 to 6000 MHz
WLKS 45-8SS	45 MHz	1.60 dB	1.35 dB	1.00 dB	52.2 MHz	55.8 to 6000 MHz
WLKS 50-8SS	50 MHz	1.50 dB	1.30 dB	0.95 dB	58.0 MHz	62.0 to 6000 MHz
WLKS 55-8SS	55 MHz	1.50 dB	1.30 dB	0.95 dB	63.8 MHz	68.2 to 6000 MHz
WLKS 60-8SS	60 MHz	1.50 dB	1.30 dB	0.95 dB	69.6 MHz	74.4 to 6000 MHz
WLKS 65-8SS	65 MHz	1.35 dB	1.20 dB	0.85 dB	75.4 MHz	80.6 to 6000 MHz
WLKS 70-8SS	70 MHz	1.35 dB	1.20 dB	0.85 dB	81.2 MHz	86.8 to 6000 MHz
WLKS 75-8SS	75 MHz	1.20 dB	1.10 dB	0.75 dB	87.0 MHz	93.0 to 6000 MHz
WLKS 80-8SS	80 MHz	1.20 dB	1.10 dB	0.75 dB	92.8 MHz	99.2 to 6000 MHz
WLKS 90-8SS	90 MHz	1.20 dB	1.10 dB	0.75 dB	104.0 MHz	112.0 to 6000 MHz
WLKS 100-8SS	100 MHz	1.20 dB	1.10 dB	0.75 dB	116.0 MHz	124.0 to 6000 MHz
WLKS 110-8SS	110 MHz	1.20 dB	1.10 dB	0.75 dB	128.0 MHz	136.0 to 6000 MHz
WLKS 120-8SS	120 MHz	1.20 dB	1.10 dB	0.75 dB	139.0 MHz	149.0 to 6000 MHz
WLKS 130-8SS	130 MHz	1.20 dB	1.10 dB	0.75 dB	151.0 MHz	161.0 to 6000 MHz
WLKS 140-8SS	140 MHz	1.20 dB	1.10 dB	0.75 dB	162.0 MHz	174.0 to 6000 MHz
WLKS 150-8SS	150 MHz	1.20 dB	1.10 dB	0.75 dB	174.0 MHz	186.0 to 6000 MHz
WLKS 160-8SS	160 MHz	1.20 dB	1.10 dB	0.75 dB	186.0 MHz	198.0 to 6000 MHz
WLKS 170-8SS	170 MHz	1.20 dB	1.10 dB	0.75 dB	197.0 MHz	211.0 to 6000 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 = WLKS 125-8SS.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLKS 125-8SS see filter WLKS 120-8SS.

PRICES (each)	EURO <sup>1)</sup>	US-\$ <sup>2)</sup>
1 to 4 filters	291	500
5 to 9 filters	261	360
10 to 24 filters	235	315
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

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

<sup>2)</sup> **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.