

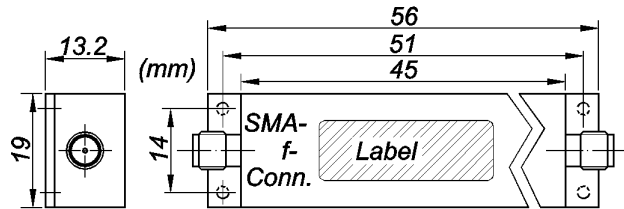


**Wainwright
Instruments GmbH**

Widdersberger Str.14
D82346 Andechs, Germany
Tel.: +49-8152-918230 Fax: +49-8152-918255

E-Mail: info@wainwright-filters.com
Internet: www.wainwright-filters.com

Fco between 35 and 184 MHz	<h2 style="margin: 0;">Lowpass Stock* Filters</h2> <p style="margin: 0;">Chebyshev Design 4 Sections</p>	WLKS Series: 13.2 mm high (SMA-female connectors)
---	--	--



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 DC to Fco	Max. Insertion Loss			Reject Attenuation	
		at Fco	at 0.97 x Fco	at 0.90 x Fco	40 dB min. at 1.53 x Fco =	60 dB min. from 1.95 x Fco to
WLKS 35-4SS	35 MHz	0,60 dB	0,55 dB	0,45 dB	53,6 MHz	68,3 to 4000 MHz
WLKS 40-4SS	40 MHz	0,60 dB	0,55 dB	0,45 dB	61,2 MHz	78,0 to 4000 MHz
WLKS 45-4SS	45 MHz	0,60 dB	0,55 dB	0,45 dB	68,9 MHz	87,8 to 4000 MHz
WLKS 50-4SS	50 MHz	0,60 dB	0,55 dB	0,45 dB	76,5 MHz	97,5 to 4000 MHz
WLKS 55-4SS	55 MHz	0,60 dB	0,55 dB	0,45 dB	84,2 MHz	107,0 to 4000 MHz
WLKS 60-4SS	60 MHz	0,60 dB	0,55 dB	0,45 dB	91,8 MHz	117,0 to 4000 MHz
WLKS 65-4SS	65 MHz	0,60 dB	0,55 dB	0,45 dB	99,5 MHz	127,0 to 4000 MHz
WLKS 70-4SS	70 MHz	0,60 dB	0,55 dB	0,45 dB	107,0 MHz	137,0 to 4000 MHz
WLKS 75-4SS	75 MHz	0,55 dB	0,50 dB	0,45 dB	115,0 MHz	146,0 to 4000 MHz
WLKS 80-4SS	80 MHz	0,55 dB	0,50 dB	0,45 dB	122,0 MHz	156,0 to 4000 MHz
WLKS 90-4SS	90 MHz	0,55 dB	0,50 dB	0,45 dB	138,0 MHz	176,0 to 4000 MHz
WLKS 100-4SS	100 MHz	0,50 dB	0,45 dB	0,40 dB	153,0 MHz	195,0 to 4000 MHz
WLKS 110-4SS	110 MHz	0,50 dB	0,45 dB	0,40 dB	168,0 MHz	215,0 to 4000 MHz
WLKS 120-4SS	120 MHz	0,50 dB	0,45 dB	0,40 dB	184,0 MHz	234,0 to 4000 MHz
WLKS 130-4SS	130 MHz	0,50 dB	0,45 dB	0,40 dB	199,0 MHz	254,0 to 4000 MHz
WLKS 140-4SS	140 MHz	0,50 dB	0,45 dB	0,40 dB	214,0 MHz	273,0 to 4000 MHz
WLKS 150-4SS	150 MHz	0,50 dB	0,45 dB	0,40 dB	230,0 MHz	293,0 to 4000 MHz
WLKS 160-4SS	160 MHz	0,50 dB	0,45 dB	0,40 dB	245,0 MHz	312,0 to 4000 MHz
WLKS 170-4SS	170 MHz	0,50 dB	0,45 dB	0,40 dB	260,0 MHz	332,0 to 4000 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 125-4SS. The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLKS 125-4SS see filter WLKS 120-4SS.

PRICES (each)	EURO ¹⁾	US-\$ ²⁾
1 to 4 filters	219	418
5 to 9 filters	197	280
10 to 24 filters	177	240
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.

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.