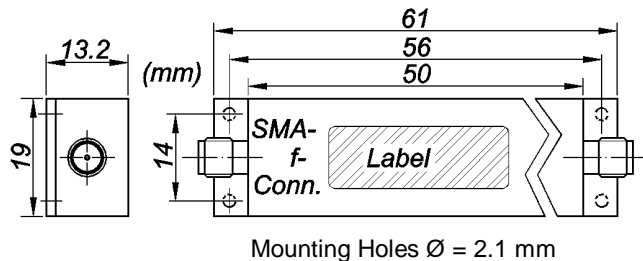
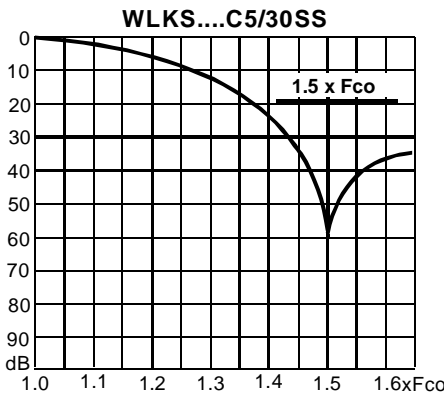




**Wainwright
Instruments GmbH**

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 25 and 549 MHz	Lowpass Stock* Filters Cauer (Elliptic) Design C5/30SS	WLKS Series: 13.2 mm high (SMA-female connectors)
--	---	---



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	Max. Insertion Loss			Reject Attenuation
	DC to Fco	at Fco	at 0.97 x Fco	at 0.9 x Fco	30 dB min. 1.5 x Fco toMHz
WLKS 25.0 C5/30SS	25 MHz	0.60 dB	0.50 dB	0.40 dB	37.5 MHz to 8000 MHz
WLKS 30.0 C5/30SS	30 MHz	0.60 dB	0.50 dB	0.40 dB	45.0 MHz to 8000 MHz
WLKS 35.0 C5/30SS	35 MHz	0.60 dB	0.50 dB	0.40 dB	52.5 MHz to 8000 MHz
WLKS 40.0 C5/30SS	40 MHz	0.60 dB	0.50 dB	0.40 dB	60.0 MHz to 8000 MHz
WLKS 45.0 C5/30SS	45 MHz	0.60 dB	0.40 dB	0.30 dB	67.5 MHz to 8000 MHz
WLKS 50.0 C5/30SS	50 MHz	0.60 dB	0.40 dB	0.30 dB	75.0 MHz to 8000 MHz
WLKS 60.0 C5/30SS	60 MHz	0.50 dB	0.40 dB	0.30 dB	90.0 MHz to 8000 MHz
WLKS 70.0 C5/30SS	70 MHz	0.50 dB	0.40 dB	0.30 dB	105 MHz to 8000 MHz
WLKS 80.0 C5/30SS	80 MHz	0.50 dB	0.40 dB	0.30 dB	120 MHz to 8000 MHz
WLKS 90.0 C5/30SS	90 MHz	0.50 dB	0.40 dB	0.30 dB	135 MHz to 8000 MHz
WLKS 100 C5/30SS	100 MHz	0.50 dB	0.40 dB	0.30 dB	150 MHz to 8000 MHz
WLKS 115 C5/30SS	115 MHz	0.50 dB	0.40 dB	0.30 dB	173 MHz to 8000 MHz
WLKS 130 C5/30SS	130 MHz	0.50 dB	0.40 dB	0.30 dB	195 MHz to 8000 MHz
WLKS 150 C5/30SS	150 MHz	0.50 dB	0.40 dB	0.30 dB	225 MHz to 8000 MHz
WLKS 175 C5/30SS	175 MHz	0.50 dB	0.40 dB	0.30 dB	263 MHz to 8000 MHz
WLKS 200 C5/30SS	200 MHz	0.50 dB	0.40 dB	0.30 dB	300 MHz to 8000 MHz
WLKS 225 C5/30SS	225 MHz	0.50 dB	0.40 dB	0.30 dB	338 MHz to 8000 MHz
WLKS 250 C5/30SS	250 MHz	0.50 dB	0.40 dB	0.30 dB	375 MHz to 8000 MHz
WLKS 275 C5/30SS	275 MHz	0.50 dB	0.40 dB	0.30 dB	413 MHz to 8000 MHz
WLKS 300 C5/30SS	300 MHz	0.50 dB	0.40 dB	0.30 dB	450 MHz to 8000 MHz
WLKS 350 C5/30SS	350 MHz	0.50 dB	0.40 dB	0.30 dB	525 MHz to 8000 MHz
WLKS 400 C5/30SS	400 MHz	0.50 dB	0.40 dB	0.30 dB	600 MHz to 8000 MHz
WLKS 450 C5/30SS	450 MHz	0.50 dB	0.40 dB	0.30 dB	675 MHz to 8000 MHz
WLKS 500 C5/30SS	500 MHz	0.50 dB	0.40 dB	0.30 dB	750 MHz to 8000 MHz

Filters with cut-off frequencies that are not listed above:

Choose any Fco between 25 MHz and 549 MHz and assign a **Model Number** by inserting the desired Fco.

Example: The Model Number of a 5 degree/30dB Cauer Lowpass Filter with a cut-off frequency of 120 MHz is **WLKS 120C5/30SS**. The insertion loss and dimensions of the listed **lower** frequency see **WLKS 115C5/30SS**.

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.

***) STOCK* FILTERS** carry an "S" in the model number (i.e. WLKS 120C5/30SS). 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 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.