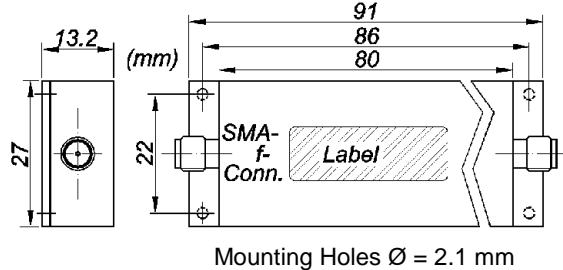
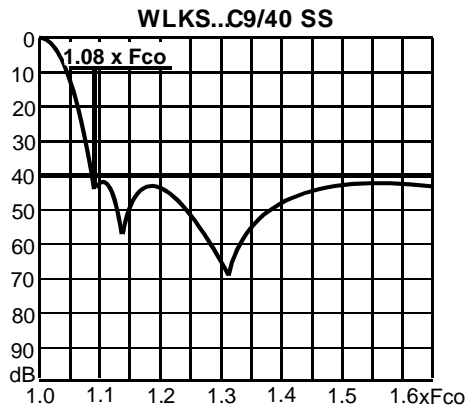




**Wainwright
Instruments GmbH**

Widdersberger Str.14
82346 Andechs, Germany
 Tel.: +49-8152-918230 Fax: +49-8152-918255
 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

Fco between 0.075 and 24 MHz	Lowpass Standard* Filters Cauer (Elliptic) Design C9/40SS	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	40 dB min. 1.08 x Fco to
WLKS 0.075 C9/40SS	0.075 MHz	1.90 dB	1.30 dB	0.80 dB	0.081 MHz to 8000 MHz
WLKS 0.10 C9/40SS	0.10 MHz	1.60 dB	1.10 dB	0.80 dB	0.108 MHz to 8000 MHz
WLKS 0.15 C9/40SS	0.15 MHz	1.30 dB	0.90 dB	0.70 dB	0.162 MHz to 8000 MHz
WLKS 0.20 C9/40SS	0.20 MHz	1.80 dB	1.20 dB	0.70 dB	0.216 MHz to 8000 MHz
WLKS 0.30 C9/40SS	0.30 MHz	1.80 dB	1.20 dB	0.70 dB	0.324 MHz to 8000 MHz
WLKS 0.40 C9/40SS	0.40 MHz	1.50 dB	1.00 dB	0.70 dB	0.432 MHz to 8000 MHz
WLKS 0.50 C9/40SS	0.50 MHz	1.50 dB	1.00 dB	0.70 dB	0.540 MHz to 8000 MHz
WLKS 0.65 C9/40SS	0.65 MHz	1.20 dB	0.90 dB	0.60 dB	0.702 MHz to 8000 MHz
WLKS 0.80 C9/40SS	0.80 MHz	1.20 dB	0.90 dB	0.60 dB	0.864 MHz to 8000 MHz
WLKS 1.00 C9/40SS	1.00 MHz	1.70 dB	1.10 dB	0.80 dB	1.08 MHz to 8000 MHz
WLKS 1.50 C9/40SS	1.50 MHz	1.70 dB	1.10 dB	0.80 dB	1.62 MHz to 8000 MHz
WLKS 2.00 C9/40SS	2.00 MHz	1.50 dB	1.00 dB	0.70 dB	2.16 MHz to 8000 MHz
WLKS 3.00 C9/40SS	3.00 MHz	1.50 dB	1.00 dB	0.70 dB	3.24 MHz to 8000 MHz
WLKS 4.00 C9/40SS	4.00 MHz	1.70 dB	1.10 dB	0.80 dB	4.32 MHz to 8000 MHz
WLKS 5.00 C9/40SS	5.00 MHz	1.70 dB	1.10 dB	0.80 dB	5.40 MHz to 8000 MHz
WLKS 7.50 C9/40SS	7.50 MHz	1.90 dB	1.30 dB	0.90 dB	8.10 MHz to 8000 MHz
WLKS 10.0 C9/40SS	10.00 MHz	2.10 dB	1.50 dB	1.00 dB	10.8 MHz to 8000 MHz
WLKS 15.0 C9/40SS	15.00 MHz	2.10 dB	1.50 dB	1.00 dB	16.2 MHz to 8000 MHz
WLKS 20.0 C9/40SS	20.00 MHz	1.90 dB	1.30 dB	0.90 dB	21.6 MHz to 8000 MHz

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

Choose any Fco between 75 kHz and 24 MHz and assign a **Model Number** by inserting the desired Fco.
Example: The Model Number of a 9 degree/40 dB Cauer Lowpass Filter with a cut-off frequency of 12 MHz is **WLKS 12C9/40SS**. For insertion loss and dimensions of the listed **lower frequency** see **WLKS 10C9/40SS**.

PRICES (each)	EURO	US-\$
1 to 4 filters	335	Will be quoted
5 to 9 filters	300	
10 to 24 filters	270	
Test Report with Analyzer Curves:	15	
Cert. of Conformance:	supplied	

Delivery Terms: FCA Andechs-Frieding (free carrier) according to **Incoterms 2000**

Regarding payment terms and Warranty see [Terms and Conditions](#)

In Deutschland liefern wir frachtfrei gemäß CPT **Incoterms 2000** (unversichert).

Delivery Time: normally 3 to 4 weeks - depending on quantity ordered and on our work load at time of order.

*) **Standard Filters carry an "S" in the model number** (i.e. WLKS 10C9/40SS). 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.