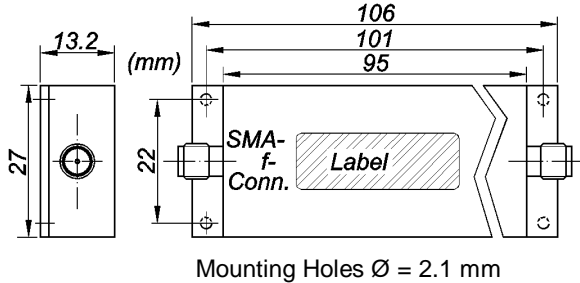
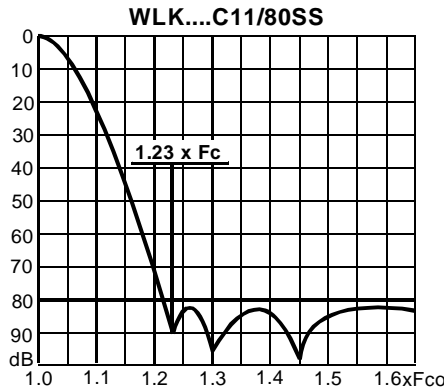




**Wainwright
Instruments GmbH**

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 0.075 and 24 MHz	Lowpass Stock* Filters Cauer (Elliptic) Design C11/80SS	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	80 dB min. 1.23 x Fco toMHz
WLKS 0.075 C11/80**	0.075 MHz	1.40 dB	1.00 dB	0.80 dB	0.092 MHz to 8000 MHz
WLKS 0.10 C11/80**	0.10 MHz	1.30 dB	1.00 dB	0.80 dB	0.123 MHz to 8000 MHz
WLKS 0.15 C11/80**	0.15 MHz	1.30 dB	1.00 dB	0.80 dB	0.185 MHz to 8000 MHz
WLKS 0.20 C11/80**	0.20 MHz	1.50 dB	1.10 dB	0.90 dB	0.246 MHz to 8000 MHz
WLKS 0.30 C11/80**	0.30 MHz	1.50 dB	1.10 dB	0.90 dB	0.396 MHz to 8000 MHz
WLKS 0.40 C11/80**	0.40 MHz	1.40 dB	1.10 dB	0.90 dB	0.492 MHz to 8000 MHz
WLKS 0.50 C11/80**	0.50 MHz	1.40 dB	1.10 dB	0.90 dB	0.615 MHz to 8000 MHz
WLKS 0.65 C11/80**	0.65 MHz	1.40 dB	1.10 dB	0.90 dB	0.800 MHz to 8000 MHz
WLKS 0.80 C11/80**	0.80 MHz	1.40 dB	1.10 dB	0.90 dB	0.984 MHz to 8000 MHz
WLKS 1.00 C11/80**	1.00 MHz	1.40 dB	1.10 dB	0.90 dB	1.23 MHz to 8000 MHz
WLKS 1.50 C11/80**	1.50 MHz	1.40 dB	1.10 dB	0.90 dB	1.85 MHz to 8000 MHz
WLKS 2.00 C11/80**	2.00 MHz	1.40 dB	1.10 dB	0.90 dB	2.46 MHz to 8000 MHz
WLKS 3.00 C11/80**	3.00 MHz	1.40 dB	1.10 dB	0.90 dB	3.69 MHz to 8000 MHz
WLKS 4.00 C11/80**	4.00 MHz	1.30 dB	1.00 dB	0.90 dB	4.92 MHz to 8000 MHz
WLKS 5.00 C11/80**	5.00 MHz	1.20 dB	0.90 dB	0.70 dB	6.15 MHz to 8000 MHz
WLKS 7.50 C11/80**	7.50 MHz	1.90 dB	1.50 dB	1.20 dB	9.23 MHz to 8000 MHz
WLKS 10.0 C11/80**	10.00 MHz	2.00 dB	1.60 dB	1.30 dB	12.3 MHz to 8000 MHz
WLKS 15.0 C11/80**	15.00 MHz	2.00 dB	1.60 dB	1.30 dB	18.5 MHz to 8000 MHz
WLKS 20.0 C11/80**	20.00 MHz	1.90 dB	1.50 dB	1.20 dB	24.6 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 11 degree/80dB Cauer Lowpass Filter with a cut-off frequency of 12 MHz is **WLKS 12C11/80SS**.

The insertion loss and dimensions of the listed **lower frequency** see **WLKS 10C11/80SS**.

PRICES (each)	EURO ¹⁾	US-\$ ²⁾
1 to 4 filters	394	620
5 to 9 filters	357	484
10 to 24 filters	320	419
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 10C11/80SS). 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 the factory at time of order.