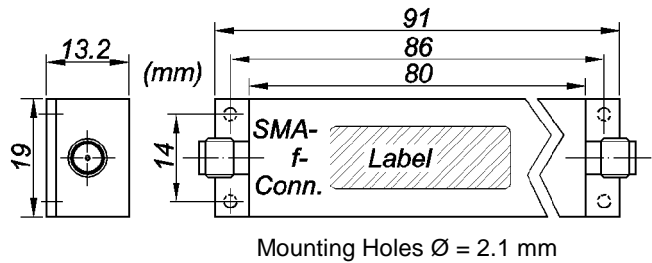
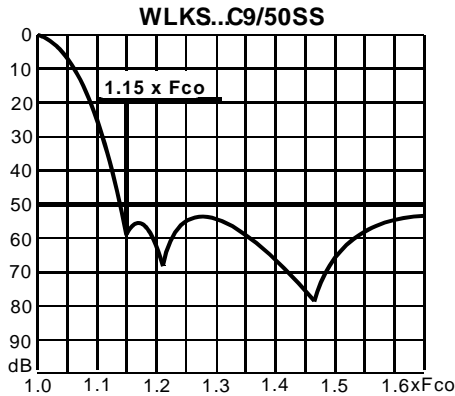




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| | | |
|--|--|--|
| Fco between 25 and 549 MHz | Lowpass Standard* Filters Cauer (Elliptic) Design C9/50SS | WLKS Series: 13.2 mm high (SMA-female connectors) |
|--|--|--|



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 | 50 dB min. 1.15 x Fco to | |
| WLKS 25.0 C9/50SS | 25 MHz | 1.50 dB | 1.10 dB | 0.80 dB | 28.8 MHz | to 8000 MHz |
| WLKS 30.0 C9/50SS | 30 MHz | 1.50 dB | 1.10 dB | 0.80 dB | 34.5 MHz | to 8000 MHz |
| WLKS 35.0 C9/50SS | 35 MHz | 1.50 dB | 1.10 dB | 0.80 dB | 40.3 MHz | to 8000 MHz |
| WLKS 40.0 C9/50SS | 40 MHz | 1.50 dB | 1.10 dB | 0.80 dB | 46.0 MHz | to 8000 MHz |
| WLKS 45.0 C9/50SS | 45 MHz | 1.40 dB | 1.10 dB | 0.70 dB | 51.8 MHz | to 8000 MHz |
| WLKS 50.0 C9/50SS | 50 MHz | 1.40 dB | 1.00 dB | 0.70 dB | 57.5 MHz | to 8000 MHz |
| WLKS 60.0 C9/50SS | 60 MHz | 1.40 dB | 1.00 dB | 0.70 dB | 69.0 MHz | to 8000 MHz |
| WLKS 70.0 C9/50SS | 70 MHz | 1.40 dB | 1.00 dB | 0.70 dB | 80.5 MHz | to 8000 MHz |
| WLKS 80.0 C9/50SS | 80 MHz | 1.40 dB | 1.10 dB | 0.70 dB | 92.0 MHz | to 8000 MHz |
| WLKS 90.0 C9/50SS | 90 MHz | 1.20 dB | 0.90 dB | 0.60 dB | 104 MHz | to 8000 MHz |
| WLKS 100 C9/50SS | 100 MHz | 1.20 dB | 0.90 dB | 0.60 dB | 115 MHz | to 8000 MHz |
| WLKS 115 C9/50SS | 115 MHz | 1.20 dB | 0.90 dB | 0.60 dB | 132 MHz | to 8000 MHz |
| WLKS 130 C9/50SS | 130 MHz | 1.20 dB | 0.90 dB | 0.60 dB | 150 MHz | to 8000 MHz |
| WLKS 150 C9/50SS | 150 MHz | 1.20 dB | 0.90 dB | 0.60 dB | 173 MHz | to 8000 MHz |
| WLKS 175 C9/50SS | 175 MHz | 1.20 dB | 0.90 dB | 0.60 dB | 201 MHz | to 8000 MHz |
| WLKS 200 C9/50SS | 200 MHz | 1.10 dB | 0.80 dB | 0.60 dB | 230 MHz | to 8000 MHz |
| WLKS 225 C9/50SS | 225 MHz | 1.10 dB | 0.80 dB | 0.60 dB | 259 MHz | to 8000 MHz |
| WLKS 250 C9/50SS | 250 MHz | 1.10 dB | 0.80 dB | 0.60 dB | 288 MHz | to 8000 MHz |
| WLKS 275 C9/50SS | 275 MHz | 1.10 dB | 0.80 dB | 0.60 dB | 316 MHz | to 8000 MHz |
| WLKS 300 C9/50SS | 300 MHz | 1.10 dB | 0.80 dB | 0.60 dB | 345 MHz | to 8000 MHz |
| WLKS 350 C9/50SS | 350 MHz | 1.10 dB | 0.80 dB | 0.60 dB | 403 MHz | to 8000 MHz |
| WLKS 400 C9/50SS | 400 MHz | 1.10 dB | 0.80 dB | 0.60 dB | 460 MHz | to 8000 MHz |
| WLKS 450 C9/50SS | 450 MHz | 1.10 dB | 0.80 dB | 0.60 dB | 518 MHz | to 8000 MHz |
| WLKS 500 C9/50SS | 500 MHz | 1.10 dB | 0.80 dB | 0.60 dB | 575 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 9 degree/50 dB Cauer Lowpass Filter with a cut-off frequency of 120 MHz is **WLKS 120C9/50SS**. For insertion loss and dimensions of the listed **lower frequency** see **WLKS 115C9/50SS**.

| PRICES (each) | EURO | US-\$ |
|-----------------------------------|----------|----------------|
| 1 to 4 filters | 291 | Will be quoted |
| 5 to 9 filters | 261 | |
| 10 to 24 filters | 235 | |
| 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 120C9/50SS). 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.