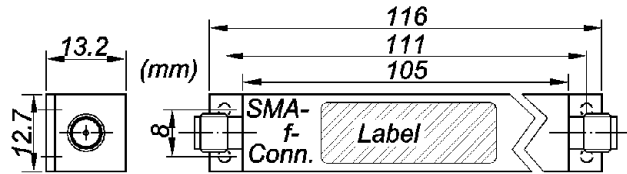
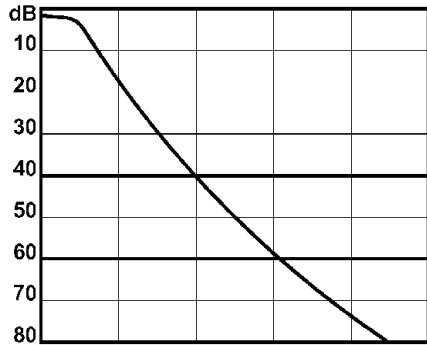




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|  |   |  |
|--|---|--|
| <b>Fco<br/>between<br/>185 and 999 MHz</b> | <b>Lowpass Standard* Filters<br/>Chebyshev Design<br/>10 Sections</b> | <b>WLKS Series:<br/>13.2 mm high<br/>(SMA-female connectors)</b> |
|--|---|--|



Mounting Holes  $\varnothing = 2.1$  mm

**Return Loss (50  $\Omega$ ) in Passband:**  
 near Fco: **20 dB typical** = VSWR 1.23 : 1 max.  
 at the worst point: **14 dB min.** = VSWR 1.5 : 1 max.

Fco x 1.0 1.05 1.1 1.15 1.2 1.25

| Model Number  | Passband<br>DC to Fco | Max. Insertion Loss |               |               | Reject Attenuation           |                                   |
|---------------|-----------------------|---------------------|---------------|---------------|------------------------------|-----------------------------------|
|               |                       | at Fco              | at 0.97 x Fco | at 0.90 x Fco | 40 dB min.<br>at 1.1 x Fco = | 60 dB min.<br>from 1.155 x Fco to |
| WLKS 185-10SS | 185 MHz               | 1.60 dB             | 1.30 dB       | 1.00 dB       | 204 MHz                      | 214 to 6000 MHz                   |
| WLKS 200-10SS | 200 MHz               | 1.60 dB             | 1.30 dB       | 1.00 dB       | 220 MHz                      | 231 to 6000 MHz                   |
| WLKS 215-10SS | 215 MHz               | 1.60 dB             | 1.30 dB       | 1.00 dB       | 237 MHz                      | 248 to 6000 MHz                   |
| WLKS 230-10SS | 230 MHz               | 1.60 dB             | 1.30 dB       | 1.00 dB       | 253 MHz                      | 266 to 6000 MHz                   |
| WLKS 245-10SS | 245 MHz               | 1.60 dB             | 1.30 dB       | 1.00 dB       | 270 MHz                      | 283 to 6000 MHz                   |
| WLKS 260-10SS | 260 MHz               | 1.40 dB             | 1.10 dB       | 0.80 dB       | 286 MHz                      | 300 to 6000 MHz                   |
| WLKS 275-10SS | 275 MHz               | 1.40 dB             | 1.10 dB       | 0.80 dB       | 303 MHz                      | 318 to 6000 MHz                   |
| WLKS 300-10SS | 300 MHz               | 1.30 dB             | 1.00 dB       | 0.80 dB       | 330 MHz                      | 347 to 6000 MHz                   |
| WLKS 325-10SS | 325 MHz               | 1.30 dB             | 1.00 dB       | 0.80 dB       | 358 MHz                      | 375 to 6000 MHz                   |
| WLKS 350-10SS | 350 MHz               | 1.30 dB             | 1.00 dB       | 0.80 dB       | 385 MHz                      | 404 to 6000 MHz                   |
| WLKS 375-10SS | 375 MHz               | 1.30 dB             | 1.00 dB       | 0.80 dB       | 413 MHz                      | 433 to 6000 MHz                   |
| WLKS 400-10SS | 400 MHz               | 1.30 dB             | 1.00 dB       | 0.80 dB       | 440 MHz                      | 462 to 6000 MHz                   |
| WLKS 425-10SS | 425 MHz               | 1.30 dB             | 1.00 dB       | 0.80 dB       | 468 MHz                      | 491 to 6000 MHz                   |
| WLKS 450-10SS | 450 MHz               | 1.30 dB             | 1.00 dB       | 0.80 dB       | 495 MHz                      | 520 to 6000 MHz                   |
| WLKS 500-10SS | 500 MHz               | 1.30 dB             | 1.00 dB       | 0.80 dB       | 550 MHz                      | 578 to 6000 MHz                   |
| WLKS 550-10SS | 550 MHz               | 1.30 dB             | 1.00 dB       | 0.80 dB       | 605 MHz                      | 635 to 6000 MHz                   |
| WLKS 600-10SS | 600 MHz               | 1.30 dB             | 1.00 dB       | 0.80 dB       | 660 MHz                      | 693 to 6000 MHz                   |
| WLKS 650-10SS | 650 MHz               | 1.30 dB             | 1.00 dB       | 0.80 dB       | 715 MHz                      | 751 to 6000 MHz                   |
| WLKS 700-10SS | 700 MHz               | 1.20 dB             | 0.90 dB       | 0.70 dB       | 770 MHz                      | 809 to 6000 MHz                   |
| WLKS 750-10SS | 750 MHz               | 1.20 dB             | 0.90 dB       | 0.70 dB       | 825 MHz                      | 866 to 6000 MHz                   |
| WLKS 800-10SS | 800 MHz               | 1.20 dB             | 0.90 dB       | 0.70 dB       | 880 MHz                      | 924 to 6000 MHz                   |
| WLKS 900-10SS | 900 MHz               | 1.20 dB             | 0.90 dB       | 0.70 dB       | 990 MHz                      | 1040 to 6000 MHz                  |

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

Choose any Fco between 185 and 999 MHz and assign a **Model Number** by inserting the desired Fco.

**Example = WLKS 625-10SS.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLKS 625-10SS see filter WLKS 600-10SS.

| PRICES (each)                     | EURO     | US-\$          |
|-----------------------------------|----------|----------------|
| 1 to 4 filters                    | 326      | Will be quoted |
| 5 to 9 filters                    | 294      |                |
| 10 to 24 filters                  | 265      |                |
| 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 600-10SS). 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 is supplied. Prices for Test Sheets see above.