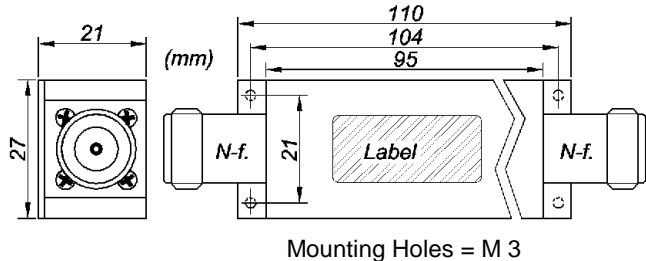
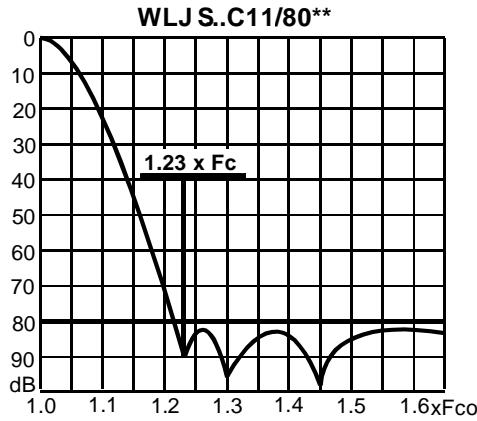




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| | | |
|--|---|--|
| Fco between 0.075 and 24 MHz | Lowpass Standard* Filters Cauer (Elliptic) Design C11/80** | WLJS Series: 21 mm high |
|--|---|--|



Connector Codes:**
 E (N-female) F (N-male) S (SMA-female) T (SMA-male)

Return Loss (50 Ω) in Passband:
 near Fco: **20 dB min.** = 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 to |
| WLJS 0.075 C11/80** | 0.075 MHz | 1.40 dB | 1.00 dB | 0.80 dB | 0.092 MHz to 8000 MHz |
| WLJS 0.10 C11/80** | 0.10 MHz | 1.30 dB | 1.00 dB | 0.80 dB | 0.123 MHz to 8000 MHz |
| WLJS 0.15 C11/80** | 0.15 MHz | 1.30 dB | 1.00 dB | 0.80 dB | 0.185 MHz to 8000 MHz |
| WLJS 0.20 C11/80** | 0.20 MHz | 1.50 dB | 1.10 dB | 0.90 dB | 0.246 MHz to 8000 MHz |
| WLJS 0.30 C11/80** | 0.30 MHz | 1.50 dB | 1.10 dB | 0.90 dB | 0.396 MHz to 8000 MHz |
| WLJS 0.40 C11/80** | 0.40 MHz | 1.40 dB | 1.10 dB | 0.90 dB | 0.492 MHz to 8000 MHz |
| WLJS 0.50 C11/80** | 0.50 MHz | 1.40 dB | 1.10 dB | 0.90 dB | 0.615 MHz to 8000 MHz |
| WLJS 0.65 C11/80** | 0.65 MHz | 1.40 dB | 1.10 dB | 0.90 dB | 0.800 MHz to 8000 MHz |
| WLJS 0.80 C11/80** | 0.80 MHz | 1.40 dB | 1.10 dB | 0.90 dB | 0.984 MHz to 8000 MHz |
| WLJS 1.00 C11/80** | 1.00 MHz | 1.40 dB | 1.10 dB | 0.90 dB | 1.23 MHz to 8000 MHz |
| WLJS 1.50 C11/80** | 1.50 MHz | 1.40 dB | 1.10 dB | 0.90 dB | 1.85 MHz to 8000 MHz |
| WLJS 2.00 C11/80** | 2.00 MHz | 1.40 dB | 1.10 dB | 0.90 dB | 2.46 MHz to 8000 MHz |
| WLJS 3.00 C11/80** | 3.00 MHz | 1.40 dB | 1.10 dB | 0.90 dB | 3.69 MHz to 8000 MHz |
| WLJS 4.00 C11/80** | 4.00 MHz | 1.30 dB | 1.00 dB | 0.90 dB | 4.92 MHz to 8000 MHz |
| WLJS 5.00 C11/80** | 5.00 MHz | 1.20 dB | 0.90 dB | 0.70 dB | 6.15 MHz to 8000 MHz |
| WLJS 7.50 C11/80** | 7.50 MHz | 1.90 dB | 1.50 dB | 1.20 dB | 9.23 MHz to 8000 MHz |
| WLJS 10.0 C11/80** | 10.00 MHz | 2.00 dB | 1.60 dB | 1.30 dB | 12.3 MHz to 8000 MHz |
| WLJS 15.0 C11/80** | 15.00 MHz | 2.00 dB | 1.60 dB | 1.30 dB | 18.5 MHz to 8000 MHz |
| WLJS 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/80 dB Cauer Lowpass Filter with a cut-off frequency of 12 MHz is **WLJS 12C11/80SS**. For insertion loss and dimensions of the listed **lower** frequency see **WLJS 10C11/80SS**.

| PRICES (each) | EURO | US-\$ |
|-----------------------------------|----------|-------------------|
| 1 to 4 filters | 506 | Will be quoted |
| 5 to 9 filters | 455 | |
| 10 to 24 filters | 409 | |
| 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. WLJS 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.