



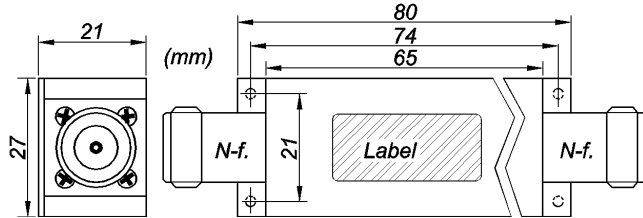
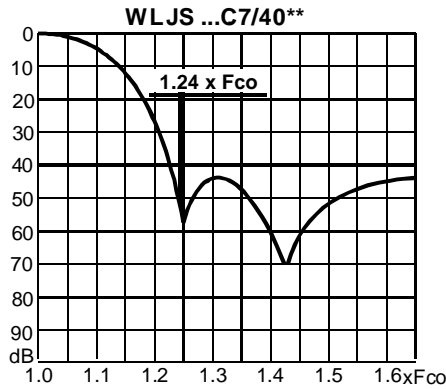
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**Fco**  
between  
**0.075 and 24 MHz**

**Lowpass Stock\* Filters**  
**Cauer (Elliptic) Design**  
**C7/40\*\***

**WLJS Series:**  
21 mm high



Mounting Holes = M 3

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 DC to Fco	Max. Insertion Loss			Reject Attenuation 40 dB min. 1.24 x Fco to .....MHz
		at Fco	at 0.97 x Fco	at 0.9 x Fco	
WLJS 0.075 C7/40**	0.075 MHz	0.80 dB	0.70 dB	0.60 dB	0.093 MHz to 8000 MHz
WLJS 0.10 C7/40**	0.10 MHz	0.70 dB	0.60 dB	0.50 dB	0.124 MHz to 8000 MHz
WLJS 0.15 C7/40**	0.15 MHz	0.70 dB	0.60 dB	0.50 dB	0.186 MHz to 8000 MHz
WLJS 0.20 C7/40**	0.20 MHz	0.70 dB	0.60 dB	0.50 dB	0.248 MHz to 8000 MHz
WLJS 0.30 C7/40**	0.30 MHz	0.70 dB	0.60 dB	0.50 dB	0.372 MHz to 8000 MHz
WLJS 0.40 C7/40**	0.40 MHz	0.70 dB	0.60 dB	0.50 dB	0.496 MHz to 8000 MHz
WLJS 0.50 C7/40**	0.50 MHz	0.70 dB	0.60 dB	0.50 dB	0.620 MHz to 8000 MHz
WLJS 0.65 C7/40**	0.65 MHz	0.70 dB	0.60 dB	0.50 dB	0.806 MHz to 8000 MHz
WLJS 0.80 C7/40**	0.80 MHz	0.70 dB	0.60 dB	0.50 dB	0.992 MHz to 8000 MHz
WLJS 1.00 C7/40**	1.00 MHz	0.70 dB	0.60 dB	0.50 dB	1.24 MHz to 8000 MHz
WLJS 1.50 C7/40**	1.50 MHz	0.70 dB	0.60 dB	0.50 dB	1.86 MHz to 8000 MHz
WLJS 2.00 C7/40**	2.00 MHz	0.70 dB	0.60 dB	0.50 dB	2.48 MHz to 8000 MHz
WLJS 3.00 C7/40**	3.00 MHz	0.70 dB	0.60 dB	0.50 dB	3.72 MHz to 8000 MHz
WLJS 4.00 C7/40**	4.00 MHz	0.70 dB	0.60 dB	0.50 dB	4.96 MHz to 8000 MHz
WLJS 5.00 C7/40**	5.00 MHz	0.70 dB	0.60 dB	0.50 dB	6.20 MHz to 8000 MHz
WLJS 7.50 C7/40**	7.50 MHz	1.00 dB	0.90 dB	0.70 dB	9.30 MHz to 8000 MHz
WLJS 10.0 C7/40**	10.00 MHz	1.00 dB	0.90 dB	0.70 dB	12.4 MHz to 8000 MHz
WLJS 15.0 C7/40**	15.00 MHz	1.20 dB	1.00 dB	0.80 dB	18.6 MHz to 8000 MHz
WLJS 20.0 C7/40**	20.00 MHz	1.00 dB	0.90 dB	0.70 dB	24.8 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 7 degree/40dB Cauer Lowpass Filter with a cut-off frequency of 12 MHz is **WLJS 12C7/40SS**. The insertion loss and dimensions of the listed **lower frequency** see **WLJS 10C7/40SS**.

PRICES (each)	EURO <sup>1)</sup>	US-\$ <sup>2)</sup>
1 to 4 filters	376	583
5 to 9 filters	339	462
10 to 24 filters	305	402
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

\*) **STOCK\* FILTERS** carry an "S" in the model number (i.e. WLJS 10C7/40SS). 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.

<sup>1)</sup> **EURO-Prices** are based on shipment ex factory, except for delivery within Germany, where shipping is included.

<sup>2)</sup> **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.

**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.