



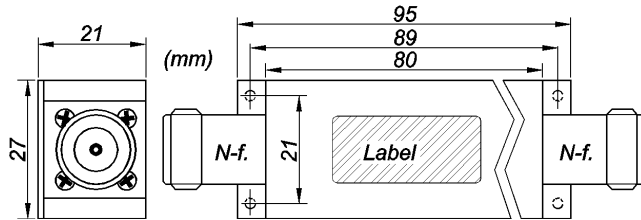
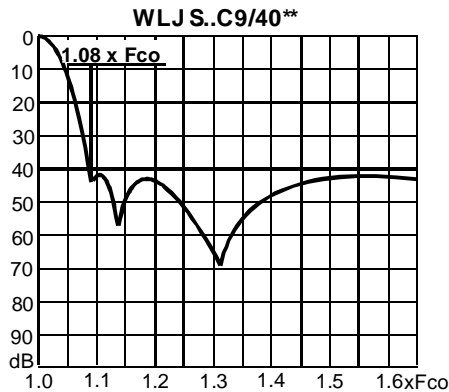
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**Fco**  
between  
**0.075 and 24 MHz**

**Lowpass Stock\* Filters**  
**Cauer (Elliptic) Design**  
**C9/40\*\***

**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	Max. Insertion Loss			Reject Attenuation 40 dB min. 1.08 x Fco to .....MHz
		DC to Fco	at Fco	at 0.97 x Fco	
WLJS 0.075 C9/40**	0.075 MHz	1.90 dB	1.30 dB	0.80 dB	0.081 MHz to 8000 MHz
WLJS 0.10 C9/40**	0.10 MHz	1.60 dB	1.10 dB	0.80 dB	0.108 MHz to 8000 MHz
WLJS 0.15 C9/40**	0.15 MHz	1.30 dB	0.90 dB	0.70 dB	0.162 MHz to 8000 MHz
WLJS 0.20 C9/40**	0.20 MHz	1.80 dB	1.20 dB	0.70 dB	0.216 MHz to 8000 MHz
WLJS 0.30 C9/40**	0.30 MHz	1.80 dB	1.20 dB	0.70 dB	0.324 MHz to 8000 MHz
WLJS 0.40 C9/40**	0.40 MHz	1.50 dB	1.00 dB	0.70 dB	0.432 MHz to 8000 MHz
WLJS 0.50 C9/40**	0.50 MHz	1.50 dB	1.00 dB	0.70 dB	0.540 MHz to 8000 MHz
WLJS 0.65 C9/40**	0.65 MHz	1.20 dB	0.90 dB	0.60 dB	0.702 MHz to 8000 MHz
WLJS 0.80 C9/40**	0.80 MHz	1.20 dB	0.90 dB	0.60 dB	0.864 MHz to 8000 MHz
WLJS 1.00 C9/40**	1.00 MHz	1.70 dB	1.10 dB	0.80 dB	1.08 MHz to 8000 MHz
WLJS 1.50 C9/40**	1.50 MHz	1.70 dB	1.10 dB	0.80 dB	1.62 MHz to 8000 MHz
WLJS 2.00 C9/40**	2.00 MHz	1.50 dB	1.00 dB	0.70 dB	2.16 MHz to 8000 MHz
WLJS 3.00 C9/40**	3.00 MHz	1.50 dB	1.00 dB	0.70 dB	3.24 MHz to 8000 MHz
WLJS 4.00 C9/40**	4.00 MHz	1.70 dB	1.10 dB	0.80 dB	4.32 MHz to 8000 MHz
WLJS 5.00 C9/40**	5.00 MHz	1.70 dB	1.10 dB	0.80 dB	5.40 MHz to 8000 MHz
WLJS 7.50 C9/40**	7.50 MHz	1.90 dB	1.30 dB	0.90 dB	8.10 MHz to 8000 MHz
WLJS 10.0 C9/40**	10.00 MHz	2.10 dB	1.50 dB	1.00 dB	10.8 MHz to 8000 MHz
WLJS 15.0 C9/40**	15.00 MHz	2.10 dB	1.50 dB	1.00 dB	16.2 MHz to 8000 MHz
WLJS 20.0 C9/40**	20.00 MHz	1.90 dB	1.30 dB	0.90 dB	21.6 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 9 degree/40dB Cauer Lowpass Filter with a cut-off frequency of 12 MHz is **WLJS 12C9/40SS**. The insertion loss and dimensions of the listed **lower frequency** see **WLJS 10C9/40SS**.

PRICES (each)	EURO <sup>1)</sup>	US-\$ <sup>2)</sup>
1 to 4 filters	428	641
5 to 9 filters	384	518
10 to 24 filters	345	452
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

<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.