



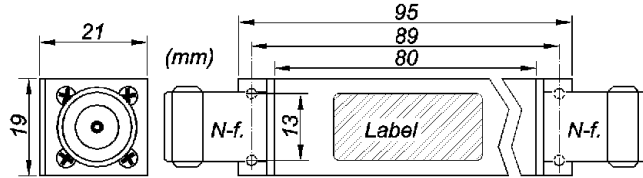
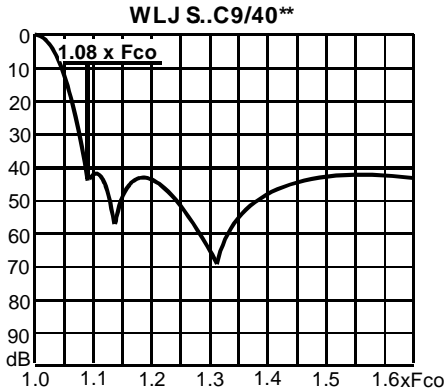
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**Fco**  
 between  
**25 and 549 MHz**

**Lowpass Standard\* 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 DC to Fco	Max. Insertion Loss			Reject Attenuation	
		at Fco	at 0.97 x Fco	at 0.9 x Fco	40 dB min. 1.08 x Fco to	
WLJS 25.0 C9/40**	25 MHz	1.80 dB	1.20 dB	0.70 dB	27	MHz to 8000 MHz
WLJS 30.0 C9/40**	30 MHz	1.80 dB	1.20 dB	0.70 dB	32.4	MHz to 8000 MHz
WLJS 35.0 C9/40**	35 MHz	1.80 dB	1.20 dB	0.70 dB	37.8	MHz to 8000 MHz
WLJS 40.0 C9/40**	40 MHz	1.80 dB	1.20 dB	0.70 dB	43.2	MHz to 8000 MHz
WLJS 45.0 C9/40**	45 MHz	1.80 dB	1.20 dB	0.70 dB	48.6	MHz to 8000 MHz
WLJS 50.0 C9/40**	50 MHz	1.80 dB	1.20 dB	0.70 dB	54	MHz to 8000 MHz
WLJS 60.0 C9/40**	60 MHz	1.70 dB	1.10 dB	0.70 dB	64.8	MHz to 8000 MHz
WLJS 70.0 C9/40**	70 MHz	1.70 dB	1.10 dB	0.70 dB	75.6	MHz to 8000 MHz
WLJS 80.0 C9/40**	80 MHz	1.50 dB	1.00 dB	0.70 dB	86.4	MHz to 8000 MHz
WLJS 90.0 C9/40**	90 MHz	1.50 dB	1.00 dB	0.70 dB	97.2	MHz to 8000 MHz
WLJS 100 C9/40**	100 MHz	1.50 dB	1.00 dB	0.70 dB	108	MHz to 8000 MHz
WLJS 115 C9/40**	115 MHz	1.40 dB	0.90 dB	0.70 dB	124	MHz to 8000 MHz
WLJS 130 C9/40**	130 MHz	1.40 dB	0.90 dB	0.70 dB	140	MHz to 8000 MHz
WLJS 150 C9/40**	150 MHz	1.40 dB	0.90 dB	0.70 dB	162	MHz to 8000 MHz
WLJS 175 C9/40**	175 MHz	1.40 dB	0.90 dB	0.70 dB	189	MHz to 8000 MHz
WLJS 200 C9/40**	200 MHz	1.40 dB	0.90 dB	0.70 dB	216	MHz to 8000 MHz
WLJS 225 C9/40**	225 MHz	1.40 dB	0.90 dB	0.70 dB	243	MHz to 8000 MHz
WLJS 250 C9/40**	250 MHz	1.40 dB	0.90 dB	0.70 dB	270	MHz to 8000 MHz
WLJS 275 C9/40**	275 MHz	1.40 dB	0.90 dB	0.70 dB	297	MHz to 8000 MHz
WLJS 275 C9/40**	300 MHz	1.40 dB	0.90 dB	0.70 dB	324	MHz to 8000 MHz
WLJS 275 C9/40**	350 MHz	1.40 dB	0.90 dB	0.70 dB	378	MHz to 8000 MHz
WLJS 275 C9/40**	400 MHz	1.40 dB	0.90 dB	0.70 dB	432	MHz to 8000 MHz
WLJS 275 C9/40**	450 MHz	1.40 dB	0.90 dB	0.70 dB	486	MHz to 8000 MHz
WLJS 275 C9/40**	500 MHz	1.40 dB	0.90 dB	0.70 dB	540	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/40 dB Cauer Lowpass Filter with a cut-off frequency of 120 MHz is **WLJS 120C9/40SS**. For insertion loss and dimensions of the listed **lower frequency** see **WLJS 115C9/40SS**.

PRICES (each)	EURO	US-\$
1 to 4 filters	372	Will be quoted
5 to 9 filters	334	
10 to 24 filters	300	
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 120C9/40SS). 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.