



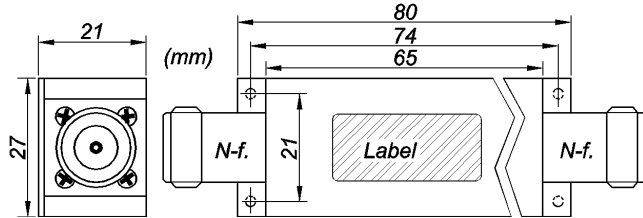
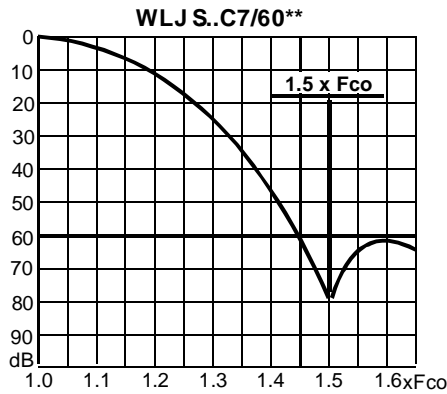
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Fco
between
0.075 and 24 MHz

Lowpass Stock* Filters
Cauer (Elliptic) Design
C7/60**

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 60 dB min. 1.5 x Fco toMHz
		at Fco	at 0.97 x Fco	at 0.9 x Fco	
WLJS 0.075 C7/60**	0.075 MHz	0.80 dB	0.70 dB	0.60 dB	0.113 MHz to 8000 MHz
WLJS 0.10 C7/60**	0.10 MHz	0.70 dB	0.60 dB	0.50 dB	0.150 MHz to 8000 MHz
WLJS 0.15 C7/60**	0.15 MHz	0.60 dB	0.50 dB	0.40 dB	0.225 MHz to 8000 MHz
WLJS 0.20 C7/60**	0.20 MHz	0.60 dB	0.50 dB	0.40 dB	0.300 MHz to 8000 MHz
WLJS 0.30 C7/60**	0.30 MHz	0.60 dB	0.50 dB	0.40 dB	0.450 MHz to 8000 MHz
WLJS 0.40 C7/60**	0.40 MHz	0.60 dB	0.50 dB	0.40 dB	0.600 MHz to 8000 MHz
WLJS 0.50 C7/60**	0.50 MHz	0.60 dB	0.50 dB	0.40 dB	0.750 MHz to 8000 MHz
WLJS 0.65 C7/60**	0.65 MHz	0.60 dB	0.50 dB	0.40 dB	0.975 MHz to 8000 MHz
WLJS 0.80 C7/60**	0.80 MHz	0.60 dB	0.50 dB	0.40 dB	1.20 MHz to 8000 MHz
WLJS 1.00 C7/60**	1.00 MHz	0.60 dB	0.50 dB	0.40 dB	1.50 MHz to 8000 MHz
WLJS 1.50 C7/60**	1.50 MHz	0.60 dB	0.50 dB	0.40 dB	2.25 MHz to 8000 MHz
WLJS 2.00 C7/60**	2.00 MHz	0.60 dB	0.50 dB	0.40 dB	3.00 MHz to 8000 MHz
WLJS 3.00 C7/60**	3.00 MHz	0.60 dB	0.50 dB	0.40 dB	4.50 MHz to 8000 MHz
WLJS 4.00 C7/60**	4.00 MHz	0.60 dB	0.50 dB	0.40 dB	6.00 MHz to 8000 MHz
WLJS 5.00 C7/60**	5.00 MHz	0.60 dB	0.50 dB	0.40 dB	7.5 MHz to 8000 MHz
WLJS 7.50 C7/60**	7.50 MHz	1.00 dB	0.90 dB	0.80 dB	11.3 MHz to 8000 MHz
WLJS 10.0 C7/60**	10.00 MHz	1.00 dB	0.90 dB	0.80 dB	15.0 MHz to 8000 MHz
WLJS 15.0 C7/60**	15.00 MHz	1.20 dB	1.00 dB	0.80 dB	22.5 MHz to 8000 MHz
WLJS 20.0 C7/60**	20.00 MHz	1.00 dB	0.90 dB	0.80 dB	30.0 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/60dB Cauer Lowpass Filter with a cut-off frequency of 12 MHz is

WLJS 12C7/60SS. The insertion loss and dimensions of the listed **lower frequency** see **WLJS 10C7/60SS.**

PRICES (each)	EURO ¹⁾	US-\$ ²⁾
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	

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

²⁾ **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.

*) **STOCK* FILTERS** carry an "S" in the model number (i.e. WLJS 10C7/60SS). 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.

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.