



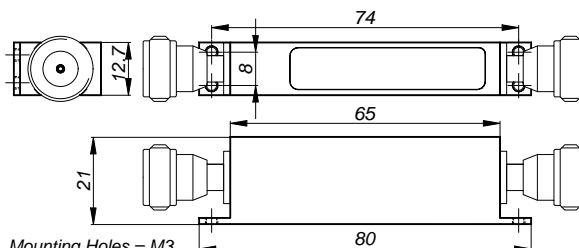
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Lowpass Stock* Filters
Chebyshev Design
8 Sections

WLJS Series:
 21 mm high

Fco
 between
 1000 and 5500 MHz



Mounting Holes = M3
Connector Codes:**
 E (N-female) F (N-male) S (SMA-female) T (SMA-male)
Return Loss (50 Ω) in Passband:
 near Fco: 20 dB typical = 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 0.90 x Fco	40 dB min. at 1.16 x Fco =	60 dB min. from 1.24 x Fco to MHz
WLJS 1000-8**	1000 MHz	0.80 dB	0.70 dB	0.50 dB	1160 MHz	1240 MHz to 6000
WLJS 1100-8**	1100 MHz	0.80 dB	0.70 dB	0.50 dB	1276 MHz	1364 MHz to 6000
WLJS 1200-8**	1200 MHz	0.80 dB	0.70 dB	0.50 dB	1392 MHz	1488 MHz to 6000
WLJS 1300-8**	1300 MHz	0.80 dB	0.70 dB	0.50 dB	1508 MHz	1612 MHz to 6000
WLJS 1400-8**	1400 MHz	0.80 dB	0.70 dB	0.50 dB	1624 MHz	1736 MHz to 6000
WLJS 1500-8**	1500 MHz	0.80 dB	0.70 dB	0.50 dB	1740 MHz	1860 MHz to 6000
WLJS 1600-8**	1600 MHz	0.80 dB	0.70 dB	0.50 dB	1856 MHz	1984 MHz to 6000
WLJS 1700-8**	1700 MHz	0.80 dB	0.70 dB	0.50 dB	1972 MHz	2108 MHz to 6000
WLJS 1800-8**	1800 MHz	0.80 dB	0.70 dB	0.50 dB	2088 MHz	2232 MHz to 6000
WLJS 2000-8**	2000 MHz	0.80 dB	0.70 dB	0.50 dB	2320 MHz	2480 MHz to 6000
WLJS 2250-8**	2250 MHz	0.80 dB	0.70 dB	0.50 dB	2610 MHz	2790 MHz to 6000
WLJS 2500-8**	2500 MHz	0.80 dB	0.70 dB	0.50 dB	2900 MHz	3100 MHz to 6000
WLJS 2750-8**	2750 MHz	0.80 dB	0.70 dB	0.50 dB	3190 MHz	3410 MHz to 6000
WLJS 3000-8**	3000 MHz	0.80 dB	0.70 dB	0.50 dB	3480 MHz	3720 MHz to 8000
WLJS 3500-8**	3500 MHz	0.80 dB	0.70 dB	0.50 dB	4060 MHz	4340 MHz to 8000
WLJS 4500-8**	4500 MHz	0.80 dB	0.70 dB	0.50 dB	5220 MHz	5580 MHz to 8000
WLJS 5000-8**	5000 MHz	0.80 dB	0.70 dB	0.50 dB	5800 MHz	6200 MHz to 8000
WLJS 5500-8**	5500 MHz	0.80 dB	0.70 dB	0.50 dB	6380 MHz	6820 MHz to 8000

Filters with cut-off frequencies that are not listed above:

Choose any Fco between 1000 and 5500 MHz and assign a **Model Number** by inserting the desired Fco.

Example = WLJS 1350-8.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLJS 1350-8** see filter WLJS 1300-8**.

	EURO ¹⁾	US-\$
1 to 4 filters	363	<i>Will be quoted.</i>
5 to 9 filters	327	
10 to 24 filters	294	
Test Data Sheets:	10	
Netw. Analyzer Curves:	15	
Cert. of Conformance:	supplied	

STOCK* FILTERS carry an „S“ in the model number (i.e. WLJS 1000-8**). 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 is supplied. Prices for Test Sheets see above.

¹⁾ **Delivery Terms:** FCA Andechs-Frieding (free carrier) according to **Incoterms 2000**
 In Deutschland liefern wir frachtfrei gemäß CPT **Incoterms 2000** (unversichert).

Regarding payment terms and Warranty see [Terms and Conditions](#)

Delivery Time: normally 3 to 4 weeks - depending on quantity ordered and on our work load at time of order.