



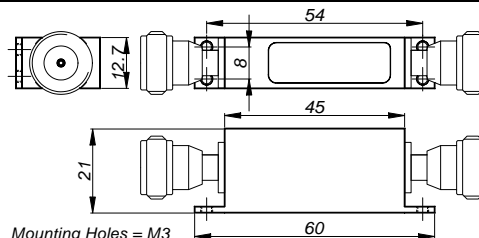
**Wainwright
Instruments GmbH**

Widdersberger Str.14
82346 Andechs, Germany
 Tel.: +49-8152-918230 Fax: +49-8152-918255
 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

Lowpass Stock* Filters
Chebyshev Design
5 Sections

WLJS Series:
 21 mm high

FCo
 between
 1000 and 5500 MHz



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 1.35 x Fco =	60 dB min. from 1.57 x Fco to MHz
WLJS 1000-5**	1000 MHz	0.40 dB	0.35 dB	0.30 dB	1350 MHz	1570 MHz to 6000 MHz
WLJS 1100-5**	1100 MHz	0.40 dB	0.35 dB	0.30 dB	1485 MHz	1727 MHz to 6000 MHz
WLJS 1200-5**	1200 MHz	0.40 dB	0.35 dB	0.30 dB	1620 MHz	1884 MHz to 6000 MHz
WLJS 1300-5**	1300 MHz	0.40 dB	0.35 dB	0.30 dB	1755 MHz	2041 MHz to 6000 MHz
WLJS 1400-5**	1400 MHz	0.40 dB	0.35 dB	0.30 dB	1890 MHz	2198 MHz to 6000 MHz
WLJS 1500-5**	1500 MHz	0.40 dB	0.35 dB	0.30 dB	2025 MHz	2355 MHz to 6000 MHz
WLJS 1600-5**	1600 MHz	0.40 dB	0.35 dB	0.30 dB	2160 MHz	2512 MHz to 6000 MHz
WLJS 1700-5**	1700 MHz	0.40 dB	0.35 dB	0.30 dB	2295 MHz	2669 MHz to 6000 MHz
WLJS 1800-5**	1800 MHz	0.40 dB	0.35 dB	0.30 dB	2430 MHz	2826 MHz to 6000 MHz
WLJS 2000-5**	2000 MHz	0.40 dB	0.35 dB	0.30 dB	2700 MHz	3140 MHz to 6000 MHz
WLJS 2250-5**	2250 MHz	0.40 dB	0.35 dB	0.30 dB	3038 MHz	3533 MHz to 6000 MHz
WLJS 2500-5**	2500 MHz	0.40 dB	0.35 dB	0.30 dB	3375 MHz	3925 MHz to 6000 MHz
WLJS 2750-5**	2750 MHz	0.40 dB	0.35 dB	0.30 dB	3713 MHz	4318 MHz to 6000 MHz
WLJS 3000-5**	3000 MHz	0.40 dB	0.35 dB	0.30 dB	4050 MHz	4710 MHz to 8000 MHz
WLJS 3500-5**	3500 MHz	0.40 dB	0.35 dB	0.30 dB	4725 MHz	5495 MHz to 8000 MHz
WLJS 4500-5**	4500 MHz	0.40 dB	0.35 dB	0.30 dB	6075 MHz	7065 MHz to 8000 MHz
WLJS 5000-5**	5000 MHz	0.40 dB	0.35 dB	0.30 dB	6750 MHz	7850 MHz to 8000 MHz
WLJS 5500-5**	5500 MHz	0.40 dB	0.35 dB	0.30 dB	7425 MHz	40 dB to 8000 MHz

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 1350-5**. The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLJS 1350-5** see filter WLJS 1300-5**.

PRICES (each)	EURO ¹⁾	US-\$
1 to 4 filters	297	<i>Will be quoted.</i>
5 to 9 filters	268	
10 to 24 filters	240	
Test Data Sheets:	10	
Netw. Analyzer Curves:	15	
Cert. of Conformance:	supplied	

STOCK* FILTERS carry an „S“ in the model number (i.e. WLJS 1000-5**). 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.