



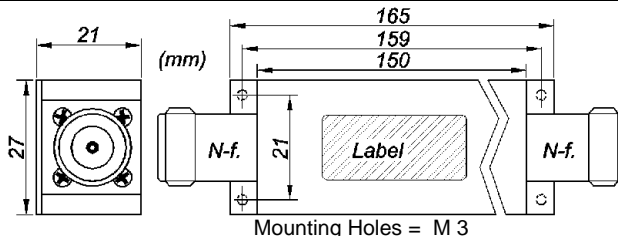
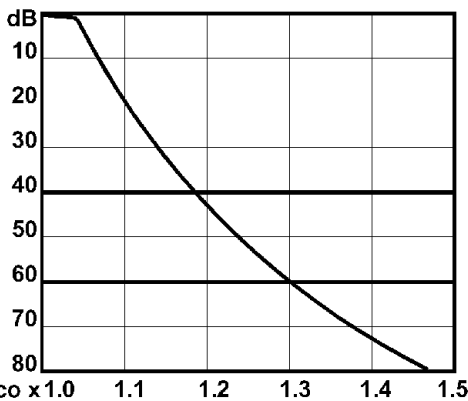
**Wainwright
Instruments GmbH**

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 Standard* Filters
Chebyshev Design
7 Sections

WLJS Series:
21 mm high

Fco
between
35 and 184 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 1.19 x Fco =	60 dB min. from 1.3 x Fco to
WLJS 35-7**	35 MHz	1.14 dB	1.01 dB	0.76 dB	41.7 MHz	45.5 MHz to 3000
WLJS 40-7**	40 MHz	1.07 dB	1.15 dB	0.74 dB	47.6 MHz	52 MHz to 3000
WLJS 45-7**	45 MHz	1.01 dB	0.94 dB	0.72 dB	53.6 MHz	58.5 MHz to 3000
WLJS 50-7**	50 MHz	0.94 dB	0.89 dB	0.70 dB	59.5 MHz	65 MHz to 3000
WLJS 55-7**	55 MHz	0.94 dB	0.89 dB	0.70 dB	65.5 MHz	71.5 MHz to 3000
WLJS 60-7**	60 MHz	0.94 dB	0.89 dB	0.70 dB	71.4 MHz	78 MHz to 3000
WLJS 65-7**	65 MHz	0.94 dB	0.89 dB	0.70 dB	77.4 MHz	84.5 MHz to 3000
WLJS 70-7**	70 MHz	0.94 dB	0.89 dB	0.70 dB	83.3 MHz	91 MHz to 3000
WLJS 75-7**	75 MHz	0.85 dB	0.76 dB	0.58 dB	89.3 MHz	97.5 MHz to 3000
WLJS 80-7**	80 MHz	0.85 dB	0.76 dB	0.58 dB	95.2 MHz	104 MHz to 3000
WLJS 90-7**	90 MHz	0.85 dB	0.76 dB	0.58 dB	107 MHz	117 MHz to 3000
WLJS 100-7**	100 MHz	0.85 dB	0.76 dB	0.58 dB	119 MHz	130 MHz to 3000
WLJS 110-7**	110 MHz	0.85 dB	0.76 dB	0.58 dB	131 MHz	143 MHz to 3000
WLJS 120-7**	120 MHz	0.85 dB	0.76 dB	0.58 dB	143 MHz	156 MHz to 3000
WLJS 130-7**	130 MHz	0.85 dB	0.76 dB	0.58 dB	155 MHz	169 MHz to 3000
WLJS 140-7**	140 MHz	0.85 dB	0.76 dB	0.58 dB	167 MHz	182 MHz to 3000
WLJS 150-7**	150 MHz	0.85 dB	0.76 dB	0.58 dB	179 MHz	195 MHz to 3000
WLJS 160-7**	160 MHz	0.85 dB	0.76 dB	0.58 dB	190 MHz	208 MHz to 3000
WLJS 170-7**	170 MHz	0.85 dB	0.76 dB	0.58 dB	202 MHz	221 MHz to 3000

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

Choose any Fco between 35 and 184 MHz and assign a **Model Number** by inserting the desired Fco.

Example = WLJS 175-7.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLJS 175-7** see filter WLJS 170-7**.

PRICES (each)	EURO	US-\$
1 to 4 filters	341	Will be quoted
5 to 9 filters	307	
10 to 24 filters	276	
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 150-7**). 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.