



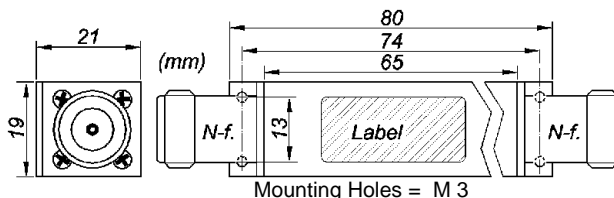
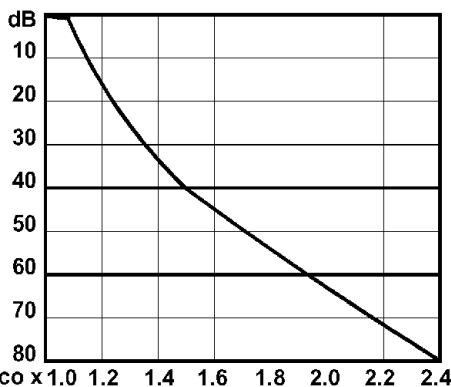
**Wainwright  
Instruments GmbH**

Widdersberger Str.14  
**82346 Andechs, Germany**  
 Tel.: +49-8152-918230 Fax: +49-8152-918255  
 E-Mail: [info@wainwright-filters.com](mailto:info@wainwright-filters.com)  
 Internet: [www.wainwright-filters.com](http://www.wainwright-filters.com)

**Lowpass Standard\* Filters**  
**Chebyshev Design**  
**4 Sections**

**WLJS Series:**  
21 mm high

**Fco  
between  
185 and 999 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 1.53 x Fco =	60 dB min. from 1.95 x Fco to
WLJS 185-4**	185 MHz	0.36 dB	0.34 dB	0.31 dB	283 MHz	361 MHz to 3000 MHz
WLJS 200-4**	200 MHz	0.36 dB	0.34 dB	0.31 dB	306 MHz	390 MHz to 3000 MHz
WLJS 215-4**	215 MHz	0.36 dB	0.34 dB	0.31 dB	329 MHz	419 MHz to 3000 MHz
WLJS 230-4**	230 MHz	0.36 dB	0.34 dB	0.31 dB	352 MHz	449 MHz to 3000 MHz
WLJS 245-4**	245 MHz	0.36 dB	0.34 dB	0.31 dB	375 MHz	478 MHz to 3000 MHz
WLJS 260-4**	260 MHz	0.36 dB	0.34 dB	0.31 dB	398 MHz	507 MHz to 3000 MHz
WLJS 275-4**	275 MHz	0.36 dB	0.34 dB	0.31 dB	421 MHz	536 MHz to 3000 MHz
WLJS 300-4**	300 MHz	0.35 dB	0.30 dB	0.29 dB	459 MHz	585 MHz to 3000 MHz
WLJS 325-4**	325 MHz	0.35 dB	0.30 dB	0.29 dB	497 MHz	634 MHz to 3000 MHz
WLJS 350-4**	350 MHz	0.35 dB	0.30 dB	0.29 dB	536 MHz	683 MHz to 3000 MHz
WLJS 375-4**	375 MHz	0.35 dB	0.30 dB	0.29 dB	574 MHz	731 MHz to 3000 MHz
WLJS 400-4**	400 MHz	0.35 dB	0.30 dB	0.29 dB	612 MHz	780 MHz to 4000 MHz
WLJS 425-4**	425 MHz	0.35 dB	0.30 dB	0.29 dB	650 MHz	829 MHz to 4000 MHz
WLJS 450-4**	450 MHz	0.35 dB	0.30 dB	0.29 dB	689 MHz	878 MHz to 4000 MHz
WLJS 500-4**	500 MHz	0.35 dB	0.30 dB	0.29 dB	765 MHz	975 MHz to 4000 MHz
WLJS 550-4**	550 MHz	0.35 dB	0.30 dB	0.29 dB	842 MHz	1073 MHz to 4000 MHz
WLJS 600-4**	600 MHz	0.35 dB	0.30 dB	0.29 dB	918 MHz	1170 MHz to 5000 MHz
WLJS 650-4**	650 MHz	0.35 dB	0.30 dB	0.29 dB	995 MHz	1268 MHz to 5000 MHz
WLJS 700-4**	700 MHz	0.35 dB	0.30 dB	0.29 dB	1071 MHz	1365 MHz to 5000 MHz
WLJS 750-4**	750 MHz	0.35 dB	0.30 dB	0.29 dB	1148 MHz	1463 MHz to 5000 MHz
WLJS 800-4**	800 MHz	0.35 dB	0.30 dB	0.29 dB	1224 MHz	1560 MHz to 5000 MHz
WLJS 900-4**	900 MHz	0.35 dB	0.30 dB	0.29 dB	1377 MHz	1755 MHz to 5000 MHz

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

Choose any Fco between 185 and 999 MHz and assign a **Model Number** by inserting the desired Fco.

**Example = WLJS 950-4\*\*.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLJS 950-4\*\* see filter WLJS 900-4\*\*.

PRICES (each)	EURO	US-\$
1 to 4 filters	274	Will be quoted
5 to 9 filters	247	
10 to 24 filters	223	
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 375-4\*\*). 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.