



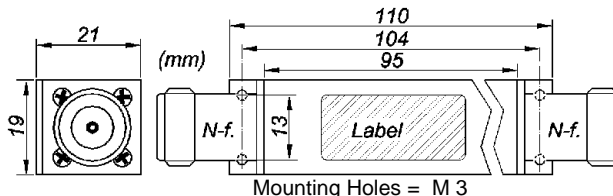
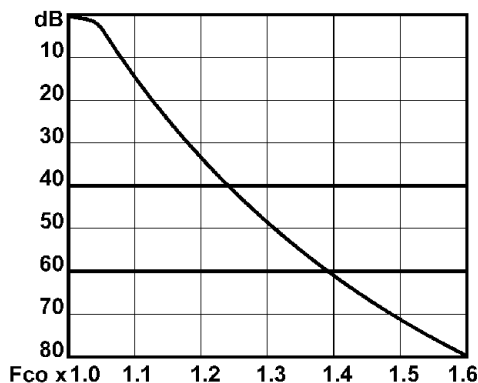
**Wainwright  
Instruments GmbH**

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**  
**6 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	Max. Insertion Loss			Reject Attenuation		
		DC to Fco	at Fco	at 0.97 x Fco	at 0.90 x Fco	40 dB min. at 1.26 x Fco =	60 dB min. from 1.4 x Fco to
WLJS 185-6**	185 MHz		0.69 dB	0.57 dB	0.49 dB	233 MHz	259 MHz to 3000 MHz
WLJS 200-6**	200 MHz		0.69 dB	0.57 dB	0.49 dB	252 MHz	280 MHz to 3000 MHz
WLJS 215-6**	215 MHz		0.69 dB	0.57 dB	0.49 dB	271 MHz	301 MHz to 3000 MHz
WLJS 230-6**	230 MHz		0.69 dB	0.57 dB	0.49 dB	290 MHz	322 MHz to 3000 MHz
WLJS 245-6**	245 MHz		0.69 dB	0.57 dB	0.49 dB	309 MHz	343 MHz to 3000 MHz
WLJS 260-6**	260 MHz		0.69 dB	0.57 dB	0.49 dB	328 MHz	364 MHz to 3000 MHz
WLJS 275-6**	275 MHz		0.69 dB	0.57 dB	0.49 dB	347 MHz	385 MHz to 3000 MHz
WLJS 300-6**	300 MHz		0.64 dB	0.56 dB	0.46 dB	378 MHz	420 MHz to 3000 MHz
WLJS 325-6**	325 MHz		0.64 dB	0.56 dB	0.46 dB	410 MHz	455 MHz to 3000 MHz
WLJS 350-6**	350 MHz		0.64 dB	0.56 dB	0.46 dB	441 MHz	490 MHz to 3000 MHz
WLJS 375-6**	375 MHz		0.64 dB	0.56 dB	0.46 dB	473 MHz	525 MHz to 3000 MHz
WLJS 400-6**	400 MHz		0.64 dB	0.56 dB	0.46 dB	504 MHz	560 MHz to 4000 MHz
WLJS 425-6**	425 MHz		0.64 dB	0.56 dB	0.46 dB	536 MHz	595 MHz to 4000 MHz
WLJS 450-6**	450 MHz		0.64 dB	0.56 dB	0.46 dB	567 MHz	630 MHz to 4000 MHz
WLJS 500-6**	500 MHz		0.64 dB	0.56 dB	0.46 dB	630 MHz	700 MHz to 4000 MHz
WLJS 550-6**	550 MHz		0.64 dB	0.56 dB	0.46 dB	693 MHz	770 MHz to 4000 MHz
WLJS 600-6**	600 MHz		0.64 dB	0.56 dB	0.46 dB	756 MHz	840 MHz to 5000 MHz
WLJS 650-6**	650 MHz		0.64 dB	0.56 dB	0.46 dB	819 MHz	910 MHz to 5000 MHz
WLJS 700-6**	700 MHz		0.64 dB	0.56 dB	0.46 dB	882 MHz	980 MHz to 5000 MHz
WLJS 750-6**	750 MHz		0.64 dB	0.56 dB	0.46 dB	945 MHz	1050 MHz to 5000 MHz
WLJS 800-6**	800 MHz		0.64 dB	0.56 dB	0.46 dB	1008 MHz	1120 MHz to 5000 MHz
WLJS 900-6**	900 MHz		0.64 dB	0.56 dB	0.46 dB	1134 MHz	1260 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 950-6\*\*.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLJS 950-6\*\* see filter WLJS 900-6\*\*.

PRICES (each)	EURO	US-\$
1 to 4 filters	319	Will be quoted
5 to 9 filters	288	
10 to 24 filters	258	
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 375-6\*\*). 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.