



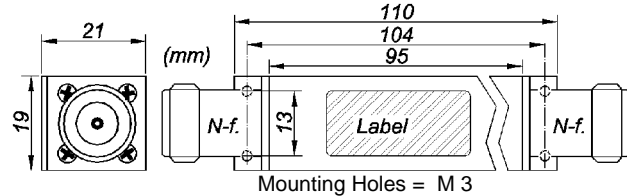
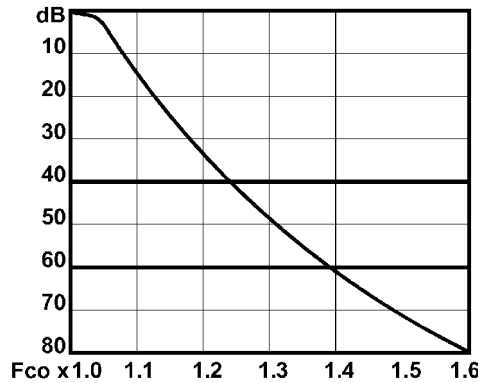
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**Lowpass Stock\* Filters**  
**Chebyshev Design**  
**6 Sections**

Fc<sub>o</sub> between 185 and 999 MHz

WLJS Series:  
21 mm high



**Connector Codes:\*\***  
 E (N-female) F (N-male) S (SMA-female) T (SMA-male)

**Return Loss (50 Ω) in Passband:**  
 near Fc<sub>o</sub>: 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 Fc <sub>o</sub>	Max. Insertion Loss			Reject Attenuation	
		at Fc <sub>o</sub>	at 0.97 x Fc <sub>o</sub>	at 0.90 x Fc <sub>o</sub>	40 dB min. at 1.26 x Fc <sub>o</sub> =	60 dB min. from 1.4 x Fc <sub>o</sub> to .... MHz
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 Fc<sub>o</sub> between 185 and 999 MHz and assign a **Model Number** by inserting the desired Fc<sub>o</sub>.

**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\*\*.

	EURO <sup>1)</sup>	US-\$ <sup>2)</sup>
1 to 4 filters	319	533
5 to 9 filters	288	395
10 to 24 filters	258	345
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

<sup>1)</sup> **EURO-Prices** are based on shipment ex factory, except for delivery within Germany, where shipping is included.

<sup>2)</sup> **US-\$-Prices include packaging, shipping by UPS, import charges, and customs duty.** Dollar prices for shipments to the US only. **Customers from the USA are welcome to purchase at EURO-Prices** and carry postage/freight and all import charges directly.

**For more details see terms & ordering information.**

**STOCK\* 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.

**Delivery time if not in stock:** normally 3 to 4 weeks - depending on work load in factory at time of order.