



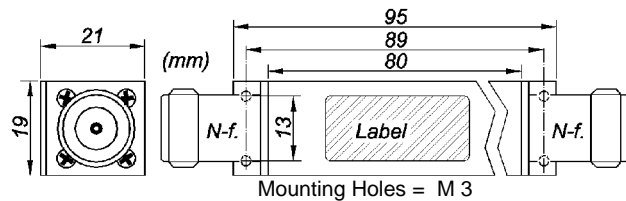
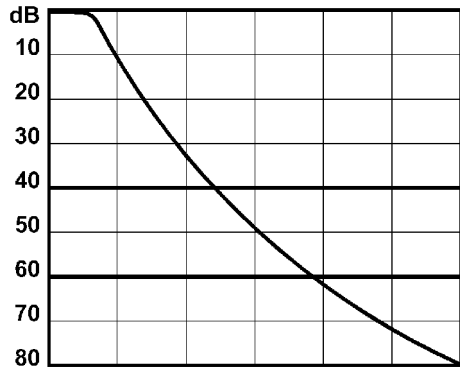
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**Lowpass Stock\* Filters**  
**Chebyshev Design**  
**5 Sections**

Fco  
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 Fco: 20 dB typical = VSWR 1.23 : 1 max.  
 at the worst point: 14 dB min. = VSWR 1.5 : 1 max.

Fco x 1.0 1.15 1.3 1.45 1.6 1.75 1.9

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 185-5**	185 MHz	0.51 dB	0.48 dB	0.39 dB	250 MHz	290 MHz to 3000 MHz
WLJS 200-5**	200 MHz	0.51 dB	0.48 dB	0.39 dB	270 MHz	314 MHz to 3000 MHz
WLJS 215-5**	215 MHz	0.51 dB	0.48 dB	0.39 dB	290 MHz	338 MHz to 3000 MHz
WLJS 230-5**	230 MHz	0.51 dB	0.48 dB	0.39 dB	311 MHz	361 MHz to 3000 MHz
WLJS 245-5**	245 MHz	0.51 dB	0.48 dB	0.39 dB	331 MHz	385 MHz to 3000 MHz
WLJS 260-5**	260 MHz	0.51 dB	0.48 dB	0.39 dB	351 MHz	408 MHz to 3000 MHz
WLJS 275-5**	275 MHz	0.51 dB	0.48 dB	0.39 dB	371 MHz	432 MHz to 3000 MHz
WLJS 300-5**	300 MHz	0.50 dB	0.43 dB	0.38 dB	405 MHz	471 MHz to 3000 MHz
WLJS 325-5**	325 MHz	0.50 dB	0.43 dB	0.38 dB	439 MHz	510 MHz to 3000 MHz
WLJS 350-5**	350 MHz	0.50 dB	0.43 dB	0.38 dB	473 MHz	550 MHz to 3000 MHz
WLJS 375-5**	375 MHz	0.50 dB	0.43 dB	0.38 dB	506 MHz	589 MHz to 3000 MHz
WLJS 400-5**	400 MHz	0.50 dB	0.43 dB	0.38 dB	540 MHz	628 MHz to 4000 MHz
WLJS 425-5**	425 MHz	0.50 dB	0.43 dB	0.38 dB	574 MHz	667 MHz to 4000 MHz
WLJS 450-5**	450 MHz	0.50 dB	0.43 dB	0.38 dB	608 MHz	707 MHz to 4000 MHz
WLJS 500-5**	500 MHz	0.50 dB	0.43 dB	0.38 dB	675 MHz	785 MHz to 4000 MHz
WLJS 550-5**	550 MHz	0.50 dB	0.43 dB	0.38 dB	743 MHz	864 MHz to 4000 MHz
WLJS 600-5**	600 MHz	0.50 dB	0.43 dB	0.38 dB	810 MHz	942 MHz to 5000 MHz
WLJS 650-5**	650 MHz	0.50 dB	0.43 dB	0.38 dB	878 MHz	1021 MHz to 5000 MHz
WLJS 700-5**	700 MHz	0.50 dB	0.43 dB	0.38 dB	945 MHz	1099 MHz to 5000 MHz
WLJS 750-5**	750 MHz	0.50 dB	0.43 dB	0.38 dB	1013 MHz	1178 MHz to 5000 MHz
WLJS 800-5**	800 MHz	0.50 dB	0.43 dB	0.38 dB	1080 MHz	1256 MHz to 5000 MHz
WLJS 900-5**	900 MHz	0.50 dB	0.43 dB	0.38 dB	1215 MHz	1413 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 950-5\*\*.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLJS 950-5\*\* see filter WLJS 900-5\*\*.

	EURO <sup>1)</sup>	US-\$ <sup>2)</sup>
1 to 4 filters	297	508
5 to 9 filters	268	370
10 to 24 filters	240	320
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

- EURO-Prices** are based on shipment ex factory, except for delivery within Germany, where shipping is included.
- 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.**

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

**STOCK\* 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.