



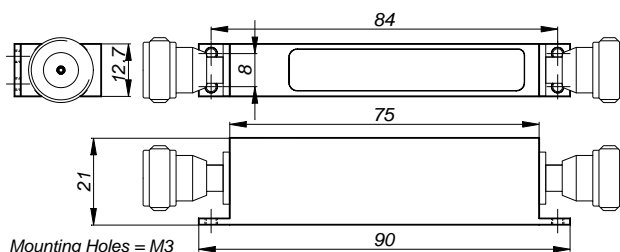
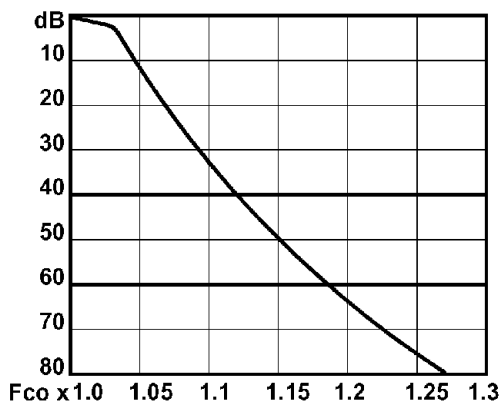
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**Lowpass Standard\* Filters**  
**Chebyshev Design**  
**9 Sections**

Fco  
 between  
**1000 and 6000 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.

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 1.125 x Fco =	60 dB min. from 1.19 x Fco to
WLJS 1000-9**	1000 MHz	0.90 dB	0.70 dB	0.60 dB	1125 MHz	1190 MHz to 10000 MHz
WLJS 1100-9**	1100 MHz	0.90 dB	0.70 dB	0.60 dB	1238 MHz	1309 MHz to 10000 MHz
WLJS 1200-9**	1200 MHz	0.90 dB	0.70 dB	0.60 dB	1350 MHz	1428 MHz to 10000 MHz
WLJS 1300-9**	1300 MHz	0.90 dB	0.70 dB	0.60 dB	1463 MHz	1547 MHz to 10000 MHz
WLJS 1400-9**	1400 MHz	0.90 dB	0.70 dB	0.60 dB	1575 MHz	1666 MHz to 10000 MHz
WLJS 1500-9**	1500 MHz	0.90 dB	0.70 dB	0.60 dB	1688 MHz	1785 MHz to 10000 MHz
WLJS 1600-9**	1600 MHz	0.90 dB	0.70 dB	0.60 dB	1800 MHz	1904 MHz to 10000 MHz
WLJS 1700-9**	1700 MHz	0.90 dB	0.70 dB	0.60 dB	1913 MHz	2023 MHz to 10000 MHz
WLJS 1800-9**	1800 MHz	0.90 dB	0.70 dB	0.60 dB	2025 MHz	2142 MHz to 10000 MHz
WLJS 2000-9**	2000 MHz	0.90 dB	0.70 dB	0.60 dB	2250 MHz	2380 MHz to 11000 MHz
WLJS 2250-9**	2250 MHz	0.90 dB	0.70 dB	0.60 dB	2531 MHz	2678 MHz to 11000 MHz
WLJS 2500-9**	2500 MHz	0.90 dB	0.70 dB	0.60 dB	2813 MHz	2975 MHz to 11000 MHz
WLJS 3000-9**	3000 MHz	0.90 dB	0.70 dB	0.60 dB	3375 MHz	3570 MHz to 11000 MHz
WLJS 3500-9**	3500 MHz	0.90 dB	0.70 dB	0.60 dB	3938 MHz	4165 MHz to 11000 MHz
WLJS 4500-9**	4500 MHz	0.90 dB	0.70 dB	0.60 dB	5063 MHz	5355 MHz to 11000 MHz
WLJS 5000-9**	5000 MHz	0.90 dB	0.70 dB	0.60 dB	5625 MHz	5950 MHz to 11000 MHz
WLJS 5500-9**	5500 MHz	0.90 dB	0.70 dB	0.60 dB	6188 MHz	6545 MHz to 11000 MHz
WLJS 6000-9**	6000 MHz	0.90 dB	0.70 dB	0.60 dB	6750 MHz	7140 MHz to 11000 MHz

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

Choose any Fco between 1000 and 6000 MHz and assign a **Model Number** by inserting the desired Fco.

**Example = WLJS 1350-9\*\*.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLJS 1350-9\*\* see filter WLJS 1300-9\*\*.

PRICES (each)	EURO	US-\$
1 to 4 filters	385	Will be quoted
5 to 9 filters	347	
10 to 24 filters	312	
Test Report with Analyzer Curves:	15	
Cert. of Conformance:	supplied	

**Delivery Terms:** FCA Andechs-Frieding (free carrier) according to **Incoterms 2000**  
 In Deutschland liefern wir frachtfrei gemäß CPT **Incoterms 2000** (unversichert).

Regarding payment terms and Warranty see [Terms and Conditions](#)

**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 1000-9\*\*). 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.