



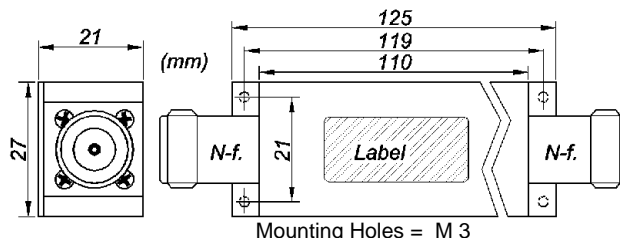
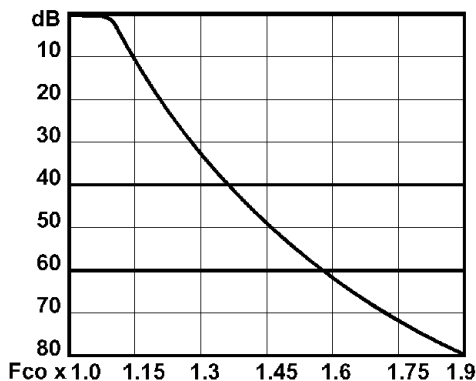
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Lowpass Standard* Filters
Chebyshev Design
5 Sections

WLJS Series:
21 mm high

**Fco
between
35 and 184 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 1.35 x Fco =	60 dB min. from 1.57 x Fco to
WLJS 35-5**	35 MHz		0.70 dB	0.65 dB	0.55 dB	47.3 MHz	55.0 MHz to 3000 MHz
WLJS 40-5**	40 MHz		0.70 dB	0.65 dB	0.55 dB	54.0 MHz	62.8 MHz to 3000 MHz
WLJS 45-5**	45 MHz		0.70 dB	0.65 dB	0.55 dB	60.8 MHz	70.7 MHz to 3000 MHz
WLJS 50-5**	50 MHz		0.63 dB	0.58 dB	0.49 dB	67.5 MHz	78.5 MHz to 3000 MHz
WLJS 55-5**	55 MHz		0.63 dB	0.58 dB	0.49 dB	74.3 MHz	86.4 MHz to 3000 MHz
WLJS 60-5**	60 MHz		0.63 dB	0.58 dB	0.49 dB	81.0 MHz	94.2 MHz to 3000 MHz
WLJS 65-5**	65 MHz		0.63 dB	0.58 dB	0.49 dB	87.8 MHz	102 MHz to 3000 MHz
WLJS 70-5**	70 MHz		0.63 dB	0.58 dB	0.49 dB	94.5 MHz	110 MHz to 3000 MHz
WLJS 75-5**	75 MHz		0.58 dB	0.50 dB	0.43 dB	101 MHz	118 MHz to 3000 MHz
WLJS 80-5**	80 MHz		0.58 dB	0.50 dB	0.43 dB	108 MHz	126 MHz to 3000 MHz
WLJS 90-5**	90 MHz		0.58 dB	0.50 dB	0.43 dB	122 MHz	141 MHz to 3000 MHz
WLJS 100-5**	100 MHz		0.58 dB	0.50 dB	0.43 dB	135 MHz	157 MHz to 3000 MHz
WLJS 110-5**	110 MHz		0.58 dB	0.50 dB	0.43 dB	149 MHz	173 MHz to 3000 MHz
WLJS 120-5**	120 MHz		0.58 dB	0.50 dB	0.43 dB	162 MHz	188 MHz to 3000 MHz
WLJS 130-5**	130 MHz		0.58 dB	0.50 dB	0.43 dB	176 MHz	204 MHz to 3000 MHz
WLJS 140-5**	140 MHz		0.58 dB	0.50 dB	0.43 dB	189 MHz	220 MHz to 3000 MHz
WLJS 150-5**	150 MHz		0.58 dB	0.50 dB	0.43 dB	203 MHz	236 MHz to 3000 MHz
WLJS 160-5**	160 MHz		0.58 dB	0.50 dB	0.43 dB	216 MHz	251 MHz to 3000 MHz
WLJS 170-5**	170 MHz		0.58 dB	0.50 dB	0.43 dB	230 MHz	267 MHz to 3000 MHz

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

Choose any Fco between 35 and 184 MHz and assign a **Model Number** by inserting the desired Fco.

Example = WLJS 175-5.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLJS 175-5** see filter WLJS 170-5**.

PRICES (each)	EURO	US-\$
1 to 4 filters	297	Will be quoted
5 to 9 filters	268	
10 to 24 filters	240	
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 150-5**). 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.