



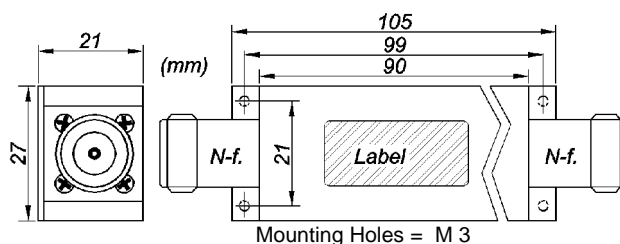
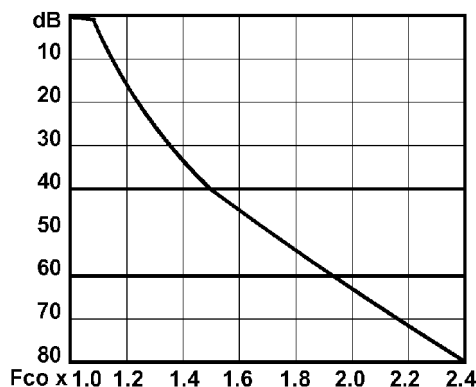
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Lowpass Stock* Filters
Chebyshev Design
4 Sections

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 DC to Fco	Max. Insertion Loss			Reject Attenuation	
		at Fco	at 0.97 x Fco	at 0.90 x Fco	40 dB min. at 1.53 x Fco =	60 dB min. from 1.95 x Fco to ...MHz
WLJS 35-4**	35 MHz	0.60 dB	0.49 dB	0.43 dB	53.6 MHz	68.3 MHz to 3000 MHz
WLJS 40-4**	40 MHz	0.60 dB	0.49 dB	0.43 dB	61.2 MHz	78.0 MHz to 3000 MHz
WLJS 45-4**	45 MHz	0.60 dB	0.49 dB	0.43 dB	68.9 MHz	87.8 MHz to 3000 MHz
WLJS 50-4**	50 MHz	0.60 dB	0.47 dB	0.38 dB	76.5 MHz	97.5 MHz to 3000 MHz
WLJS 55-4**	55 MHz	0.60 dB	0.47 dB	0.38 dB	84.2 MHz	107 MHz to 3000 MHz
WLJS 60-4**	60 MHz	0.60 dB	0.47 dB	0.38 dB	91.8 MHz	117 MHz to 3000 MHz
WLJS 65-4**	65 MHz	0.60 dB	0.47 dB	0.38 dB	99.5 MHz	127 MHz to 3000 MHz
WLJS 70-4**	70 MHz	0.60 dB	0.47 dB	0.38 dB	107 MHz	137 MHz to 3000 MHz
WLJS 75-4**	75 MHz	0.46 dB	0.45 dB	0.35 dB	115 MHz	146 MHz to 3000 MHz
WLJS 80-4**	80 MHz	0.46 dB	0.45 dB	0.35 dB	122 MHz	156 MHz to 3000 MHz
WLJS 90-4**	90 MHz	0.46 dB	0.45 dB	0.35 dB	138 MHz	176 MHz to 3000 MHz
WLJS 100-4**	100 MHz	0.46 dB	0.45 dB	0.35 dB	153 MHz	195 MHz to 3000 MHz
WLJS 110-4**	110 MHz	0.46 dB	0.45 dB	0.35 dB	168 MHz	215 MHz to 3000 MHz
WLJS 120-4**	120 MHz	0.46 dB	0.45 dB	0.35 dB	184 MHz	234 MHz to 3000 MHz
WLJS 130-4**	130 MHz	0.46 dB	0.45 dB	0.35 dB	199 MHz	254 MHz to 3000 MHz
WLJS 140-4**	140 MHz	0.46 dB	0.45 dB	0.35 dB	214 MHz	273 MHz to 3000 MHz
WLJS 150-4**	150 MHz	0.46 dB	0.45 dB	0.35 dB	230 MHz	293 MHz to 3000 MHz
WLJS 160-4**	160 MHz	0.46 dB	0.45 dB	0.35 dB	245 MHz	312 MHz to 3000 MHz
WLJS 170-4**	170 MHz	0.46 dB	0.45 dB	0.35 dB	260 MHz	332 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 175-4.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLJS 175-4** see filter WLJS 170-4**.

	EURO ¹⁾	US-\$
1 to 4 filters	274	<i>Will be quoted.</i>
5 to 9 filters	247	
10 to 24 filters	223	
Test Data Sheets:	10	
Netw. Analyzer Curves:	15	
Cert. of Conformance:	supplied	

STOCK* FILTERS carry an „S“ in the model number (i.e. WLJS 150-4**). 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.

¹⁾ **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.