



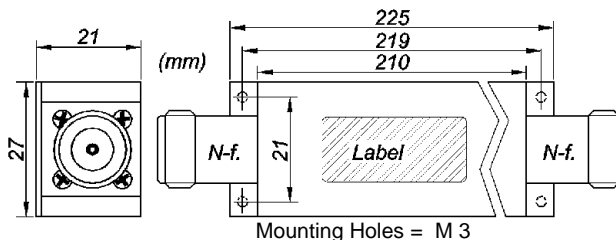
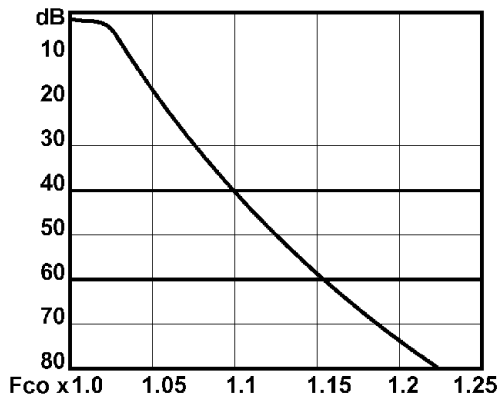
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Lowpass Standard* Filters
Chebyshev Design
10 Sections

Fco between 35 and 184 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	Max. Insertion Loss			Reject Attenuation	
		DC to Fco	at Fco	at 0.97 x Fco	at 0.90 x Fco	40 dB min. at 1.1 x Fco =
WLJS 35-10**	35 MHz	2.00 dB	1.70 dB	1.20 dB	38.5 MHz	40.4 MHz to 3000
WLJS 40-10**	40 MHz	1.90 dB	1.60 dB	1.20 dB	44.0 MHz	46.2 MHz to 3000
WLJS 45-10**	45 MHz	1.80 dB	1.60 dB	1.20 dB	49.5 MHz	52.0 MHz to 3000
WLJS 50-10**	50 MHz	1.70 dB	1.50 dB	1.20 dB	55.0 MHz	57.8 MHz to 3000
WLJS 55-10**	55 MHz	1.70 dB	1.50 dB	1.20 dB	60.5 MHz	63.5 MHz to 3000
WLJS 60-10**	60 MHz	1.50 dB	1.20 dB	0.90 dB	66.0 MHz	69.3 MHz to 3000
WLJS 65-10**	65 MHz	1.50 dB	1.20 dB	0.90 dB	71.5 MHz	75.1 MHz to 3000
WLJS 70-10**	70 MHz	1.50 dB	1.20 dB	0.90 dB	77.0 MHz	80.9 MHz to 3000
WLJS 75-10**	75 MHz	1.30 dB	1.00 dB	0.80 dB	82.5 MHz	86.6 MHz to 3000
WLJS 80-10**	80 MHz	1.30 dB	1.00 dB	0.80 dB	88.0 MHz	92.4 MHz to 3000
WLJS 90-10**	90 MHz	1.30 dB	1.00 dB	0.80 dB	99.0 MHz	104 MHz to 3000
WLJS 100-10**	100 MHz	1.30 dB	1.00 dB	0.80 dB	110 MHz	116 MHz to 3000
WLJS 110-10**	110 MHz	1.30 dB	1.00 dB	0.80 dB	121 MHz	127 MHz to 3000
WLJS 120-10**	120 MHz	1.10 dB	0.90 dB	0.70 dB	132 MHz	139 MHz to 3000
WLJS 130-10**	130 MHz	1.10 dB	0.90 dB	0.70 dB	143 MHz	150 MHz to 3000
WLJS 140-10**	140 MHz	1.10 dB	0.90 dB	0.70 dB	154 MHz	162 MHz to 3000
WLJS 150-10**	150 MHz	1.10 dB	0.90 dB	0.70 dB	165 MHz	173 MHz to 3000
WLJS 160-10**	160 MHz	1.10 dB	0.90 dB	0.70 dB	176 MHz	185 MHz to 3000
WLJS 170-10**	170 MHz	1.10 dB	0.90 dB	0.70 dB	187 MHz	196 MHz to 3000

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 175-10.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLJS 175-10** see filter WLJS 170-10**.

PRICES (each)	EURO	US-\$
1 to 4 filters	407	Will be quoted
5 to 9 filters	366	
10 to 24 filters	330	
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 150-10**). 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.