



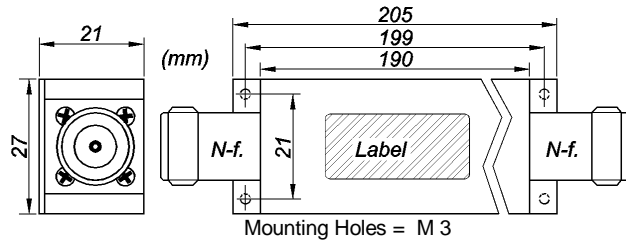
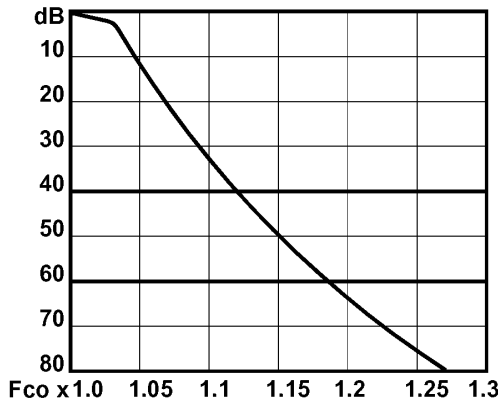
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Lowpass Stock* Filters
Chebyshev Design
9 Sections

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 1.125 x Fco =	60 dB min. from 1.19 x Fco to 3000 MHz
WLJS 35-9**	35 MHz	1.71 dB	1.50 dB	1.16 dB	39.4 MHz	41.7 MHz to 3000
WLJS 40-9**	40 MHz	1.64 dB	1.44 dB	1.11 dB	45.0 MHz	47.6 MHz to 3000
WLJS 45-9**	45 MHz	1.57 dB	1.38 dB	1.06 dB	50.6 MHz	53.6 MHz to 3000
WLJS 50-9**	50 MHz	1.48 dB	1.31 dB	0.99 dB	56.3 MHz	59.5 MHz to 3000
WLJS 55-9**	55 MHz	1.48 dB	1.31 dB	0.99 dB	61.9 MHz	65.5 MHz to 3000
WLJS 60-9**	60 MHz	1.48 dB	1.31 dB	0.99 dB	67.5 MHz	71.4 MHz to 3000
WLJS 65-9**	65 MHz	1.36 dB	1.22 dB	0.90 dB	73.1 MHz	77.4 MHz to 3000
WLJS 70-9**	70 MHz	1.36 dB	1.22 dB	0.90 dB	78.8 MHz	83.3 MHz to 3000
WLJS 75-9**	75 MHz	1.25 dB	1.12 dB	0.81 dB	84.4 MHz	89.3 MHz to 3000
WLJS 80-9**	80 MHz	1.25 dB	1.12 dB	0.81 dB	90.0 MHz	95.2 MHz to 3000
WLJS 90-9**	90 MHz	1.25 dB	1.12 dB	0.81 dB	101 MHz	107 MHz to 3000
WLJS 100-9**	100 MHz	1.25 dB	1.12 dB	0.81 dB	113 MHz	119 MHz to 3000
WLJS 110-9**	110 MHz	1.25 dB	1.12 dB	0.81 dB	124 MHz	131 MHz to 3000
WLJS 120-9**	120 MHz	1.25 dB	1.12 dB	0.81 dB	135 MHz	143 MHz to 3000
WLJS 130-9**	130 MHz	1.25 dB	1.12 dB	0.81 dB	146 MHz	155 MHz to 3000
WLJS 140-9**	140 MHz	1.25 dB	1.12 dB	0.81 dB	158 MHz	167 MHz to 3000
WLJS 150-9**	150 MHz	1.25 dB	1.12 dB	0.81 dB	169 MHz	179 MHz to 3000
WLJS 160-9**	160 MHz	1.25 dB	1.12 dB	0.81 dB	180 MHz	190 MHz to 3000
WLJS 170-9**	170 MHz	1.25 dB	1.12 dB	0.81 dB	191 MHz	202 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 175-9.** The insertion loss of the lower frequency filter applies.

Example: insertion loss of filter WLJS 175-9** see filter WLJS 170-9**.

PRICES (each)	EURO ¹⁾	US-\$ ²⁾
1 to 4 filters	385	609
5 to 9 filters	347	470
10 to 24 filters	312	415
Test Data Sheets:	10	12
Netw. Analyzer Curves:	15	18
Cert. of Conformance:	supplied	

¹⁾ **EURO-Prices** are based on shipment ex factory, except for delivery within Germany, where shipping is included.

²⁾ **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.