



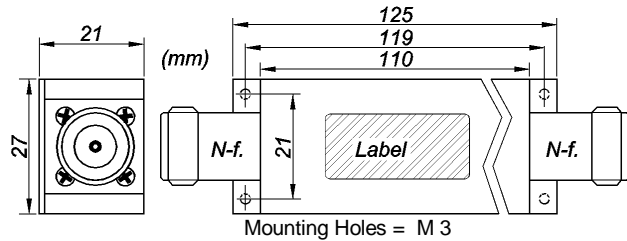
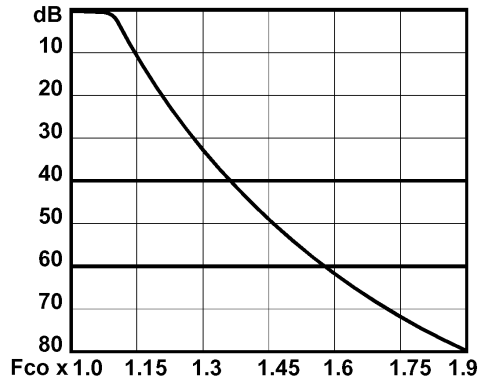
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Lowpass Stock* Filters
Chebyshev Design
5 Sections

Fc0
 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 Fc0: **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 Fc0	Max. Insertion Loss			Reject Attenuation	
		at Fc0	at 0.97 x Fc0	at 0.90 x Fc0	40 dB min. at 1.35 x Fc0 =	60 dB min. from 1.57 x Fc0 to MHz
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 Fc0 between 35 and 184 MHz and assign a **Model Number** by inserting the desired Fc0.

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 ¹⁾	US-\$ ²⁾
1 to 4 filters	297	508
5 to 9 filters	268	370
10 to 24 filters	240	320
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.