



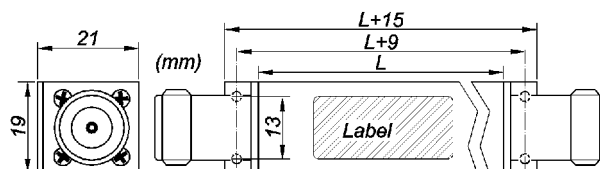
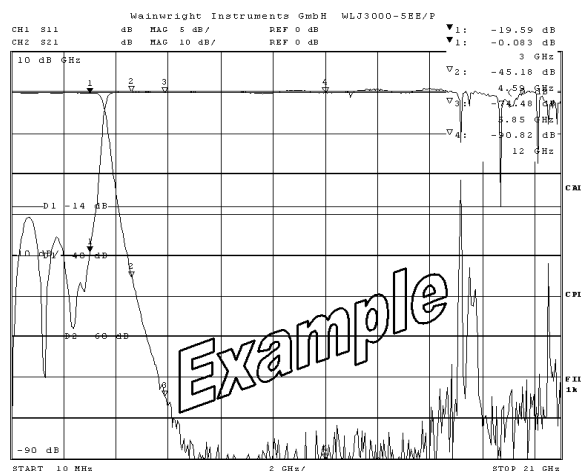
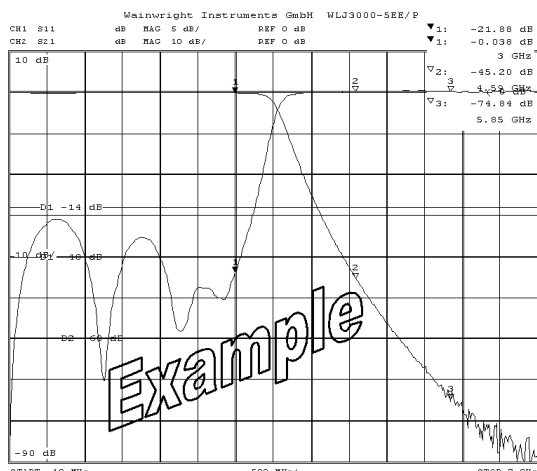
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**Fco**  
 between  
**1 and 8 GHz**

**Lowpass Filters**  
 RF Power Handling up to **500 W CW**  
 5 Section Chebyshev Design

**WLJ/P Series**  
 21 mm high  
**N-female Connectors**



Mounting Provision:  
 7.5 mm mounting flanges with M 3 holes

**Common Specifications**

Passband Loss DC to Fco: 0.3 dB max.  
 Operating Temperature: +15°C to +70°C  
 Power Handling: 500 W CW max. in passband

**Return Loss** (50 Ω) in Passband:

near Fco: 20 dB typical (=VSWR 1.23 : 1 typ.)  
 at worst point: 14 dB min. (=VSWR 1.5 : 1 max.)

This filter is designed to handle at least 500 W of RF Power. However, we do not have the power sources necessary for power testing. Any filter damaged by exposure to 500 W or less of RF power will be repaired free of charge, but we will not be responsible for any other damage. See also our [Terms and Conditions](#).

Model Number	Passband DC to Fco:	Reject Attenuation		approx. L mm	PRICES (each)	EURO	US-\$
		40 dB min.: 1.53 x Fco:	60 dB min. from 1.95 Fco to:				
WLJ 1.0G-5EE/P	1.0 GHz	1.530 GHz	1.950 to 5.0 GHz	139	1 to 4 filters	€ 960	<i>Will be quoted.</i>
WLJ 1.5G-5EE/P	1.5 GHz	2.295 GHz	2.925 to 6.0 GHz	96	5 to 9 filters	€ 864	
WLJ 2.0G-5EE/P	2.0 GHz	3.060 GHz	3.900 to 8.0 GHz	73	10 to 24 filters	€ 778	
WLJ 2.5G-5EE/P	2.5 GHz	3.825 GHz	4.875 to 10.0 GHz	60	Test Data Sheets:	supplied	
WLJ 3.0G-5EE/P	3.0 GHz	4.590 GHz	5.850 to 12.0 GHz	52	Netw.Analyzer Curves:	supplied	
WLJ 3.5G-5EE/P	3.5 GHz	5.355 GHz	6.825 to 12.0 GHz	46	Cert.of.Conformance:	supplied	
WLJ 4.0G-5EE/P	4.0 GHz	6.120 GHz	7.800 to 13.0 GHz	41	<b>Euro-Prices</b> are based on shipment ex factory, except for delivery within Germany, where shipping is included. <b>US-\$-Prices</b> include packaging, shipping by UPS, import charges, and customs duty. Dollar prices for shipment to the USA only. <b>Customers from the USA are welcome to purchase at EURO-Prices</b> and carry postage, freight and all import charges directly.		
WLJ 4.5G-5EE/P	4.5 GHz	6.885 GHz	8.775 to 14.0 GHz	37			
WLJ 5.0G-5EE/P	5.0 GHz	7.650 GHz	9.750 to 15.0 GHz	47			
WLJ 5.5G-5EE/P	5.5 GHz	8.415 GHz	10.725 to 15.0 GHz	43			
WLJ 6.0G-5EE/P	6.0 GHz	9.180 GHz	11.700 to 16.0 GHz	41			
WLJ 6.5G-5EE/P	6.5 GHz	9.945 GHz	12.675 to 17.0 GHz	38			
WLJ 7.0G-5EE/P	7.0 GHz	10.710 GHz	13.650 to 17.0 GHz	36			
WLJ 7.5G-5EE/P	7.5 GHz	11.475 GHz	14.625 to 17.0 GHz	34			
WLJ 8.0G-5EE/P	8.0 GHz	12.240 GHz	15.600 to 17.0 GHz	32			

**Delivery Time:** normally 4 to 6 weeks - depending on work load in the factory at time of order.