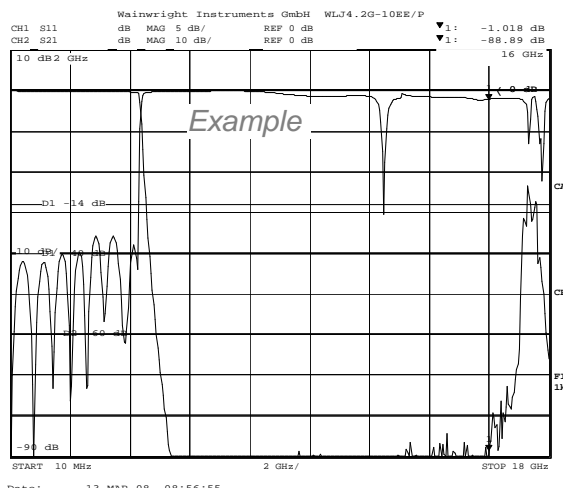
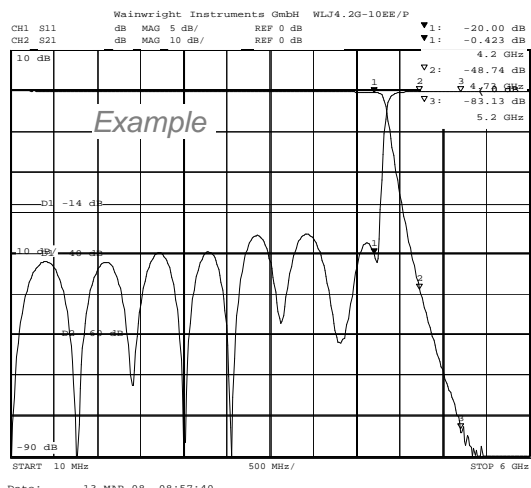




**Wainwright
Instruments GmbH**

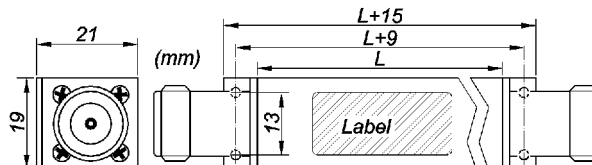
Widdersberger Str.14
82346 Andechs, Germany
 Tel.: +49-8152-918230 Fax: +49-8152-918255
 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

Fco between **1 and 8 GHz** **Lowpass Filters** **WLJ/P Series**
 RF Power Handling up to **500 W CW** 21 mm high
 10 Section Chebyshev Design **N - Connectors**



Date: 13.MAR.08 08:57:40

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Mounting Provision:
7.5 mm mounting flanges with M 3 holes

Common Specifications

Passband Loss (DC to Fco): 0.7 dB max.
Operating Temperature: +15°C to +70°C
Power Handling: 500 W CW max. in passband

Connectors: Add connector code to Model Number:
N-female (EE) or N-Male (FF) or both (EF)
Return Loss (50 Ω) in Passband 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.: 1.16 x Fco:	60 dB min. from 1.24 Fco to:				
WLJ 1.0G-10 /P	1.0 GHz	1.16 GHz	1.24 to 5.0 GHz	314	1 to 4 filters	€ 1920	<i>Will be quoted.</i>
WLJ 1.5G-10 /P	1.5 GHz	1.74 GHz	1.86 to 6.0 GHz	215	5 to 9 filters	€ 1728	
WLJ 2.0G-10 /P	2.0 GHz	2.32 GHz	2.48 to 8.0 GHz	164	10 to 24 filters	€ 1555	
WLJ 2.5G-10 /P	2.5 GHz	2.90 GHz	3.10 to 10.0 GHz	135	Test Data Sheets:	supplied	
WLJ 3.0G-10 /P	3.0 GHz	3.48 GHz	3.72 to 12.0 GHz	117	Netw.Analyzer Curves:	supplied	
WLJ 3.5G-10 /P	3.5 GHz	4.06 GHz	4.34 to 12.0 GHz	103	Cert.of.Conformance:	supplied	
WLJ 4.0G-10 /P	4.0 GHz	4.64 GHz	4.96 to 13.0 GHz	92	Delivery Terms: FCA Andechs-Frieding (free carrier) according to Incoterms 2000		
WLJ 4.5G-10 /P	4.5 GHz	5.22 GHz	5.58 to 14.0 GHz	83	In Deutschland liefern wir frachtfrei gemäß CPT Incoterms 2000 (unversichert).		
WLJ 5.0G-10 /P	5.0 GHz	5.80 GHz	6.20 to 15.0 GHz	76	Regarding payment terms and Warranty see Terms and Conditions .		
WLJ 5.5G-10 /P	5.5 GHz	6.38 GHz	6.82 to 15.0 GHz	72	Delivery Time: normally 4 to 6 weeks - depending on quantity ordered and on our work load at time of order.		
WLJ 6.0G-10 /P	6.0 GHz	6.96 GHz	7.44 to 16.0 GHz	96			
WLJ 6.5G-10 /P	6.5 GHz	7.54 GHz	8.06 to 17.0 GHz	63			
WLJ 7.0G-10 /P	7.0 GHz	8.12 GHz	8.68 to 17.0 GHz	80			
WLJ 7.5G-10 /P	7.5 GHz	8.70 GHz	9.30 to 17.0 GHz	70			
WLJ 8.0G-10 /P	8.0 GHz	9.28 GHz	9.92 to 17.0 GHz	64			