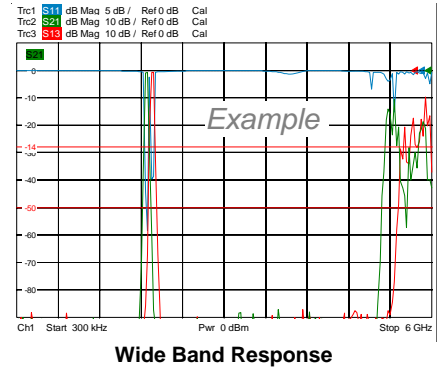
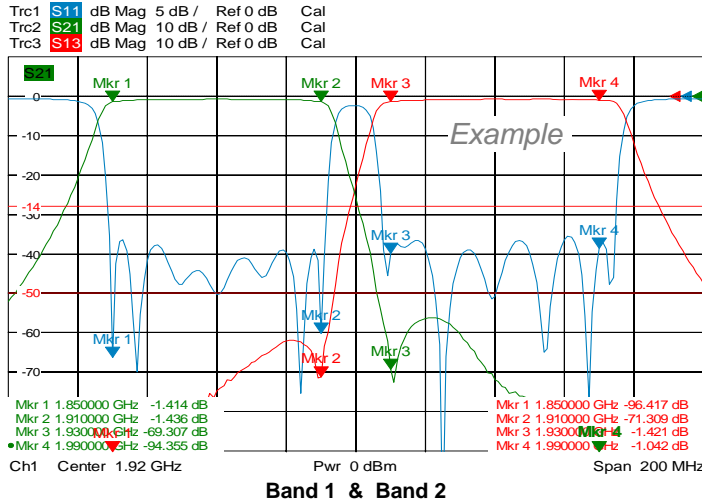




**Wainwright  
Instruments GmbH**

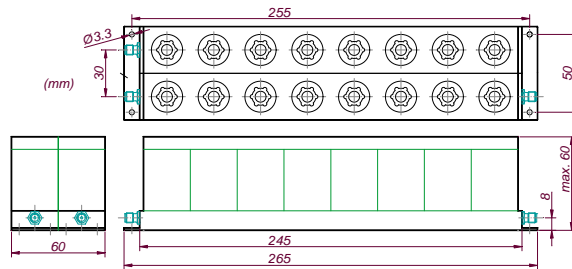
Widdersberger Str.14  
**82346 Andechs, Germany**  
 Tel.: +49-8152-918230 Fax: +49-8152-918255  
 E-Mail: [info@wainwright-filters.com](mailto:info@wainwright-filters.com)  
 Internet: [www.wainwright-filters.com](http://www.wainwright-filters.com)

<b>16 Resonator</b>	<h1>Diplex Filter</h1>	<b>Model Number:</b>
Cavity Design	<b>Pass Bands 1850 to 1910 &amp; 1930 to 1990 MHz</b>	<b>WDG1850/1910-</b>
<b>WDG Series</b>	<b>Reject Bands 1930 to 1990 &amp; 1850 to 1910 MHz</b>	<b>1930/1990-50/16S3</b>



**Model Number:** WDG1850/1910-1930/1990-50/16S3 (= SMA-F)

**Power Handling**  
 No specifications on max. RF power handling have been established. However, from calculations and experience we estimate the power handling capability of this filter to be 100 Watts. We are interested in cooperating with you in power testing this filter in your system. Please also see our [Terms and Conditions](#) in regard to power handling.



<b>Specifications</b>		
	<b>Band 1</b>	<b>Band 2</b>
<b>Passband:</b>	1850 to 1910 MHz	1930 to 1990 MHz
<b>Passband Loss:</b>	1.5 dB max.	1.5 dB max.
<b>Power Handling (see note above):</b>	100 W max.	100 W max.
<b>Return Loss (50Ω) in Passband:</b>	14 dB min. = VSWR 1.5 : 1 max.	14 dB min. = VSWR 1.5 : 1 max.
<b>Reject Band:</b>	1930 to 1990 MHz	1850 to 1910 MHz
<b>Reject Attenuation:</b>	50 dB min.	50 dB min.
<b>Operating Temperature:</b>	+15°C to +45°C	
<b>Dimensions &amp; approx. Weight:</b>	60 mm high x 60 x 245 mm plus connectors Approx. Weight: 1.9 kg (4.2 lbs)	
<b>Mounting Provision:</b>	10 mm flanges on each end with Ø3.3 holes (drilling template = 255 x 50 mm)	
<b>Connector Code:</b>	SMA-female = <b>S3</b>	
<b>Prices:</b> When purchasing 1 – 4 pcs.	<b>Euro: €1.570,-</b>	<b>US-\$<sup>1</sup>: <u>Will be quoted.</u></b>
<b>Delivery Terms:</b> FCA Andechs-Frieding (free carrier) according to <i>Incoterms 2000</i> . Regarding payment terms and Warranty see <a href="#">Terms and Conditions</a> . In Deutschland liefern wir frachtfrei gemäß CPT <i>Incoterms 2000</i> (unversichert).		
Test Sheet with Analyzer Curves supplied.		
<b>Delivery Time:</b> normally 4 to 6 weeks - depending on work load in the factory at time of order.		