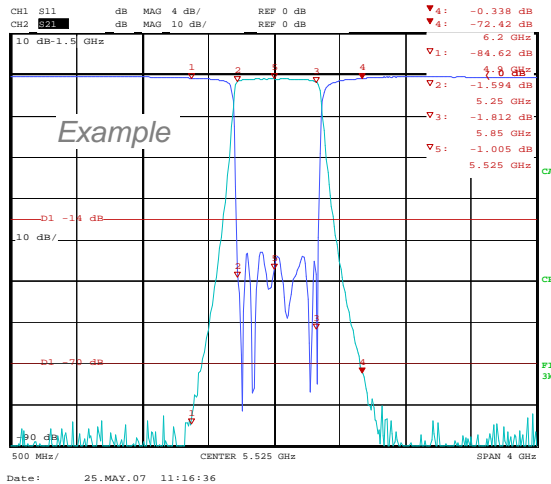




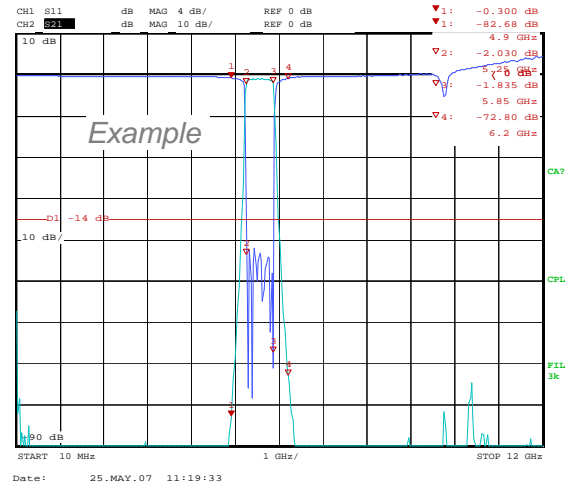
**Wainwright  
Instruments GmbH**

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>10 Resonator Cavity Design WCQ Series</b>	<b>Bandpass Filter</b> Passband 5250 to 5850 MHz Reject Bands DC to 4900 & 6200 to 10 GHz	<b>Model Number: WCQ 5250/5850- 4900/6200-70/10SS</b>
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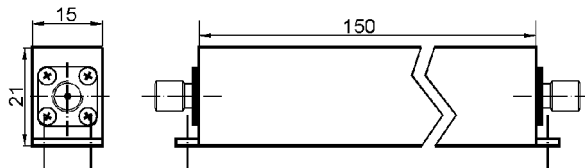


Passband Response



Reject Band Response

**Model Number: WCQ5250/5850-4900/6200-70/10SS** (= with SMA-F)



- Slopes: 350 MHz – 70 dB
- Reject Band to 10 GHz

Specifications		* Power Handling
<b>Passband:</b>	5250 to 5850 MHz	No power tests have been made on this filter. However, from calculations and experience we estimate the power handling capability of this filter to be 100 W. We are interested in co-operating with you in power testing this filter in your system. Please also see our Terms & Conditions in regard to power handling.
<b>Passband Loss at Fo:</b>	1.5 dB max at 5550 MHz	
<b>Passband Loss at Corners:</b>	2.5 dB max. at 5250 and 5850 MHz	
<b>Power Handling:</b>	100 W CW max. (see note *)	
<b>Return Loss (50Ω) in Passband:</b>	14 dB min. = VSWR 1.5 : 1 max.	
<b>Reject Bands:</b>	DC to 4900 MHz and 6200 to 10 GHz	
<b>Reject Attenuation:</b>	70 dB min.	
<b>Operating Temperature:</b>	+15°C to +40°C	
<b>Dimensions &amp; approx. Weight:</b>	21 mm high x 15 mm x 150 mm plus connectors	Weight: 0.20 kg (0.44 lbs)
<b>Mounting Provision:</b>	7.5 mm Flanges on each side with 2.5 mm holes 2.5 mm from the edges	
<b>Connector Code:</b>	SMA-female = SS	
<b>Prices:</b> When purchasing 1 - 4 pcs.	<b>Euro: € 1.180,-</b>	<b>US-\$: Will be quoted.</b>
<b>Delivery Terms:</b>	FCA Andechs-Frieding (free carrier) according to <i>Incoterms 2000</i> . In Deutschland liefern wir frachtfrei gemäß CPT <i>Incoterms 2000</i> (unversichert). Regarding payment terms and Warranty see <a href="#">Terms and Conditions</a> .	
Test Sheet with Analyzer Curves supplied.		
<b>Delivery Time:</b> Will be quoted.		