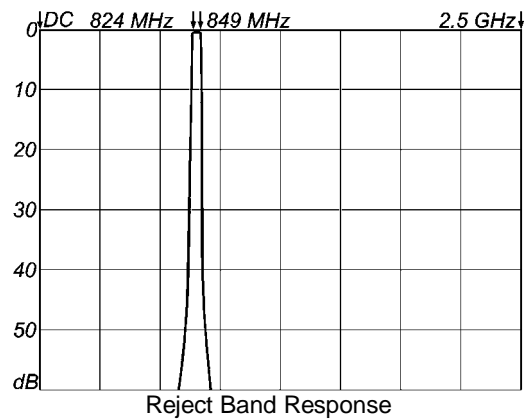
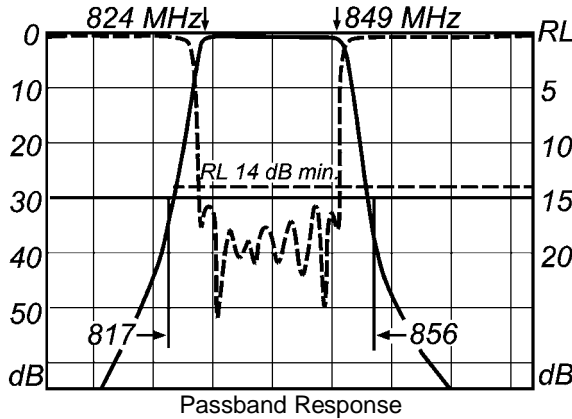




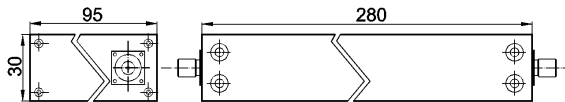
**Wainwright  
Instruments GmbH**

Widdersberger Str.14  
**D82346 Andechs, Germany**  
 Tel.: +49-8152-918230 Fax: +49-8152-918255  
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<b>9 Resonator</b> Cavity Design <b>WCG Series</b>	<h2 style="margin:0;">Bandpass Filter</h2> <p style="margin:0;">Pass Band 824 to 849 MHz          Reject Band DC to 817 and 856 to 2500 MHz</p>	<b>Model Number:</b> <b>WCG 824/849-817/856-30/9</b> <i>(add connector code - see below)</i>
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**Model Numbers:** WCG824/849-817/856-30/9SS (= SMA-F) or: WCG824/849-817/856-30/9EE (= N-F)



Approx. weight: 1.2 kg (2.7 lbs.)



- Slopes: 7 MHz / 30 dB
- Reject Band to 2500 MHz

Specifications		* <b>Power Handling</b>
<b>Passband:</b>	824 to 849 MHz	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 & Conditions in regard to power handling.
<b>Passband Loss at Fo:</b>	1.5 dB max at 836.5 MHz	
<b>Passband Loss at Corners:</b>	2.0 dB max. at 824 and 849 MHz	
<b>Power Handling:</b>	100 W max. (see note *)	
<b>Return Loss (50Ω) in Passband:</b>	14 dB min. = VSWR 1.5 : 1 max.	
<b>Reject Bands:</b>	DC to 817 MHz and 856 to 2500 MHz	
<b>Reject Attenuation:</b>	30 dB min.	
<b>Operating Temperature:</b>	+15°C to +40°C	
<b>Dimensions &amp; approx. Weight:</b>	95 mm high x 30mm x 280 mm plus connectors    Weight: 1.2 kg (2.7 lbs)	
<b>Mounting Provision:</b>	4 x M4 threaded holes each on all sides - see drawing UMP-1 (Website)	
<b>Connector Code:</b>	SMA-female = <b>SS</b> or N-female = <b>EE</b>	
Price Basis: see Ord. Inf., Terms, Warranty	<b>PRICES:</b>	<b>US-\$:</b>
	<b>Euro:</b> Price based on shipment ex factory	Price includes shipping, import charges and customs duty. **
When purchasing 1 – 4 pcs.	<b>€1080,--</b>	<b>\$ 1,645.--</b>
Test Sheet with Analyzer Curves supplied.		
** Prices in US-\$ for shipments to the USA only. American customers are welcome to purchase at EURO-prices and carry postage/freight and import charges directly.		

**Delivery Time:** normally 3 to 4 weeks - depending on work load in the factory at time of order.