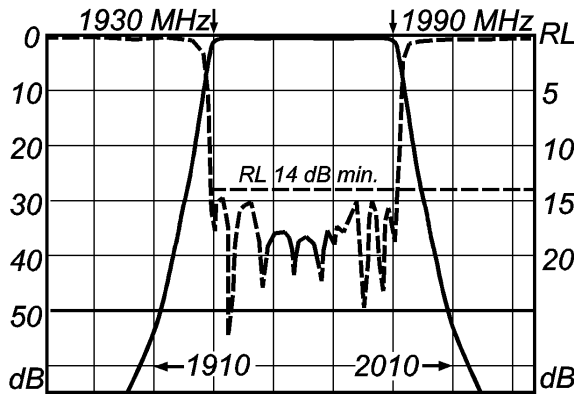




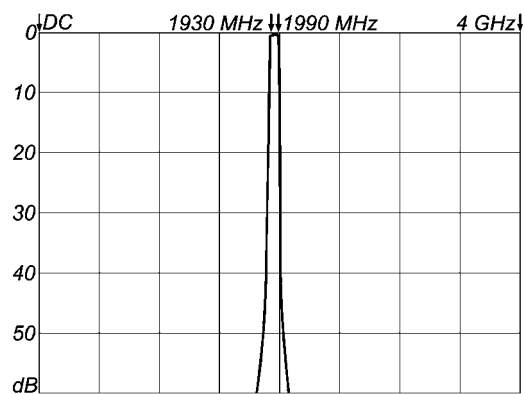
**Wainwright
Instruments GmbH**

Widdersberger Str.14
D82346 Andechs, Germany
 Tel.: +49-8152-918230 Fax: +49-8152-918255
 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

10 Resonator Cavity Design WCG Series	<h2 style="margin:0;">Bandpass Filter</h2> <p style="margin:0;">Pass Band 1930 to 1990 MHz Reject Band DC to 1910 & 2010 to 4000 MHz</p>	Model Number: WCG 1930/1990- 1910/2010-50/10 <i>(add connector code - see below)</i>
---	---	---

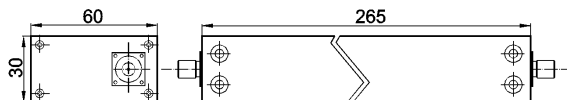


Passband Response



Reject Band Response

Model Numbers: WCG1930/1990-1910/2010-50/10SS (= SMA-F)
 WCG1930/1990-1910/2010-50/10EE (= N-F)



Approx. weight: 1.1 kg (2.4 lbs.)



- Slopes: 20 MHz / 50 dB
- Reject Band to 4000 MHz

Specifications		* Power Handling
Passband:	1930 to 1990 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.
Passband Loss at Fo:	1.0 dB max at 1960 MHz	
Passband Loss at Corners:	1.5 dB max. at 1930 and 1990 MHz	
Power Handling:	100 W max. (see note *)	
Return Loss (50Ω) in Passband:	14 dB min. = VSWR 1.5 : 1 max.	
Reject Bands:	DC to 1910 MHz and 2010 to 4000 MHz	
Reject Attenuation:	50 dB min.	
Operating Temperature:	+15°C to +40°C	
Dimensions & approx. Weight:	60 mm high x 30mm x 265 mm plus connectors Weight: 1.1 kg (2.4 lbs)	
Mounting Provision:	4 x M4 threaded holes each on all sides - see drawing UMP-1 (Website)	
Connector Code:	SMA-female = SS or N-female = EE	
Price Basis: see Ord. Inf., Terms, Warranty	PRICES:	US-\$: Price includes shipping, import charges and customs duty. **
When purchasing 1 – 4 pcs.	Euro: Price based on shipment ex factory €1.075,-	\$ 1,715.-
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.