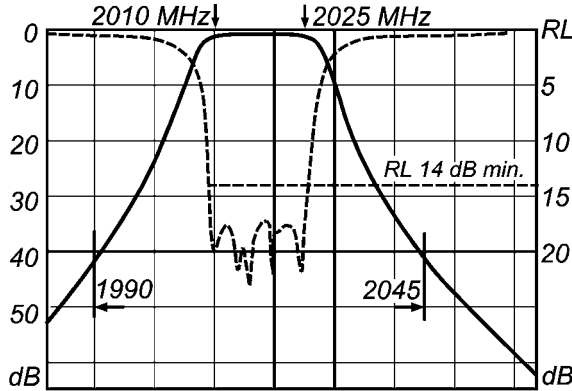




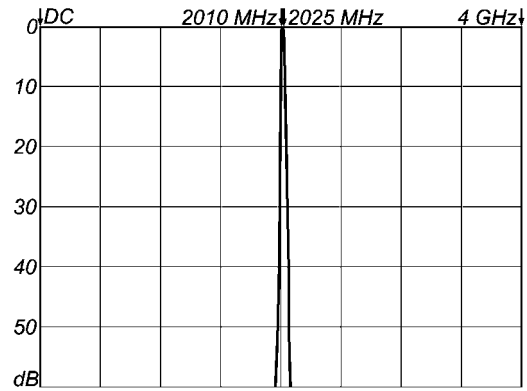
**Wainwright
Instruments GmbH**

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 Tel.: +49-8152-918230 Fax: +49-8152-918255
 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

6 Resonator Cavity Design WCG Series	<h2 style="margin:0;">Bandpass Filter</h2> <p style="margin:0;">Pass Band 2010 to 2025 MHz Reject Band DC to 1990 & 2045 to 4000 MHz</p>	Model Number: WCG 2010/2025- 1990/2045-40/6 <i>(add connector code - see below)</i>
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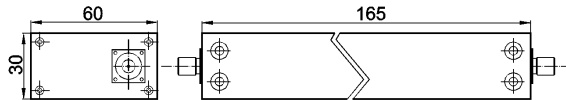


Passband Response



Reject Band Response

Model Numbers: WCG2010/2025-1990/2045-40/6SS (= SMA-F)
 WCG2010/2025-1990/2045-40/6EE (= N-F)



Approx. weight: 0.6 kg (1.3 lbs.)



- Slopes: 20 MHz / 40 dB
- Reject Band to 4000 MHz

Specifications		* Power Handling	
Passband:	2010 to 2025 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 50 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:	1.6 dB max at 2017.5 MHz		
Passband Loss at Corners:	2.0 dB max. at 2010 and 2025 MHz		
Power Handling:	50 W max. (see note *)		
Return Loss (50Ω) in Passband:	14 dB min. = VSWR 1.5 : 1 max.		
Reject Bands:	DC to 1990 MHz and 2045 to 4000 MHz		
Reject Attenuation:	40 dB min.		
Operating Temperature:	+15°C to +40°C		
Dimensions & approx. Weight:	60 mm high x 30 mm x 165 mm plus connectors weight: 0.6 kg (1.3 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:	Euro: Price based on shipment ex factory	US-\$: Price includes shipping, import charges and customs duty. **
When purchasing 1 – 4 pcs.		€ 706,--	\$ 1,135.--
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.