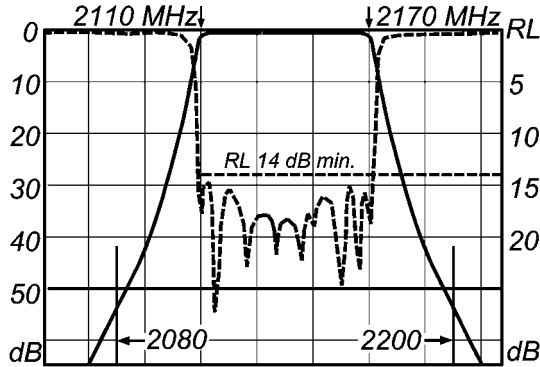




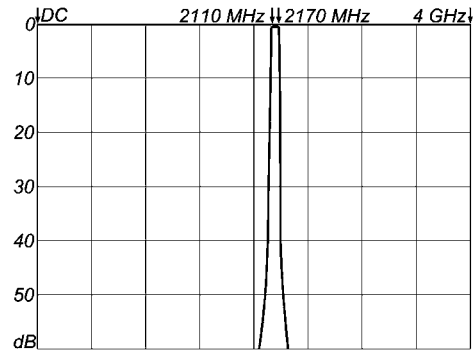
**Wainwright
Instruments GmbH**

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 E-Mail: info@wainwright-filters.com
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9 Resonator Cavity Design WCG Series	<h2 style="margin:0;">Bandpass Filter</h2> <p style="margin:0;">Pass Band 2110 to 2170 MHz Reject Band DC to 2080 & 2200 to 4000 MHz</p>	Model Number: WCG 2110/2170- 2080/2200-50/9 <i>(add connector code - see below)</i>
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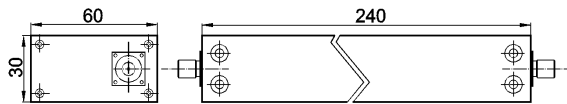


Passband Response



Reject Band Response

Model Numbers: WCG2110/2170-2080/2200-50/9SS (= SMA-F)
 WCG2110/2170-2080/2200-50/9EE (= N-F)



Approx. weight: 1.0 kg (2.2 lbs.)



- Slopes: 30 MHz / 50 dB
- Reject Band to 4000 MHz

Specifications		* Power Handling	
Passband:	2110 to 2170 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 2140 MHz		
Passband Loss at Corners:	1.7 dB max. at 2110 and 2170 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 2080 MHz and 2200 to 4000 MHz		
Reject Attenuation:	50 dB min.		
Operating Temperature:	+15°C to +40°C		
Dimensions & approx. Weight:	60 mm high x 30 mm x 240 mm plus connectors weight: 1.0 kg (2.2 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.	€984,--	\$ 1,500.--	
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.