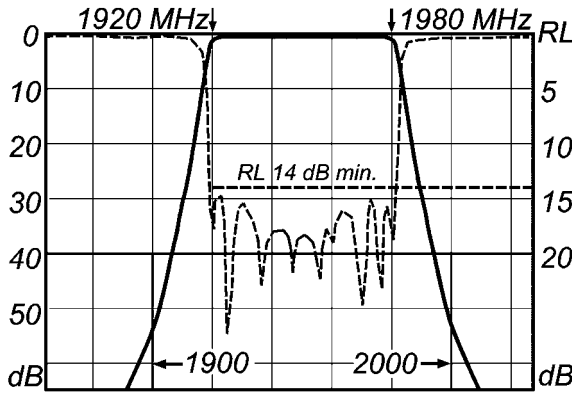




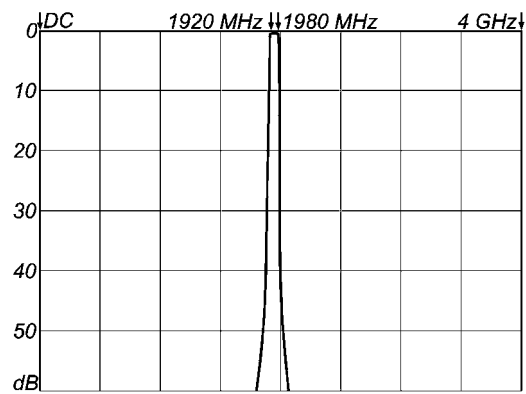
**Wainwright
Instruments GmbH**

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

9 Resonator Cavity Design WCG Series	Bandpass Filter		Model Number:
	Pass Band 1920 to 1980 MHz	Reject Band DC to 1900 & 2000 to 4000 MHz	WCG 1920/1980-1900/2000-40/9
			<i>(add connector code - see below)</i>

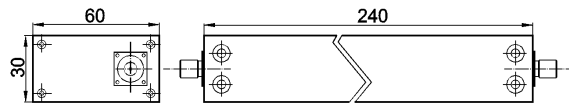


Passband Response



Reject Band Response

Model Numbers: WCG1920/1980-1900/2000-40/9SS (= SMA-F)
 WCG1920/1980-1900/2000-40/9EE (= N-F)



Approx. weight: 1.0 kg (2.2 lbs.)



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

Specifications		* Power Handling
Passband:	1920 to 1980 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:	1.2 dB max at 1950 MHz	
Passband Loss at Corners:	2.0 dB max. at 1920 and 1980 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 1900 MHz and 2000 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 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.