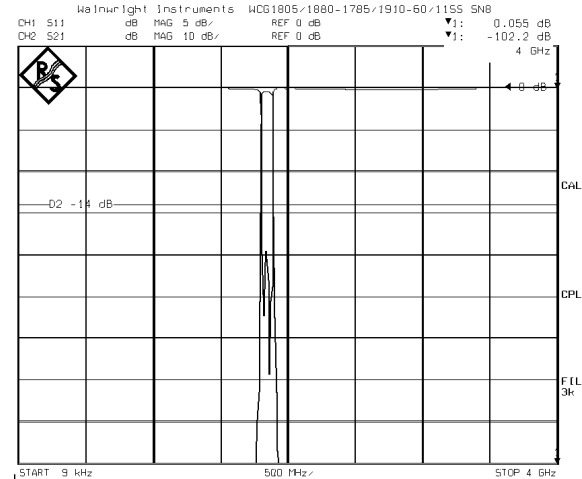
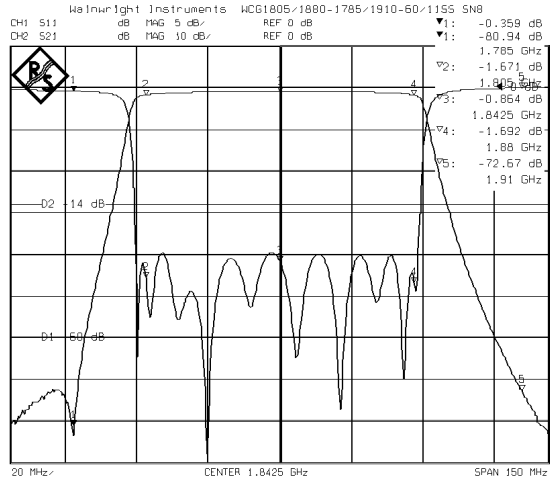




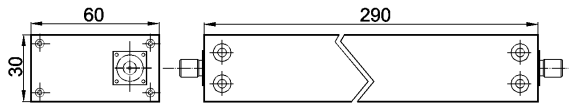
**Wainwright
Instruments GmbH**

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11 Resonator	Bandpass Filter	Model Number:
<i>Cavity Design</i>	Pass Band 1805 to 1880 MHz	WCG 1805/1880-1785/1910-
WCG Series	Reject Bands DC to 1785 MHz and 1910 to 4000 MHz	60/11
		<i>(add connector code - see below)</i>



Model Numbers: WCG1805/1880-1785/1910-60/11SS (= SMA-F) or:
WCG1805/1880-1785/1910-60/11EE (= N-F)



Dimensions:
60 mm high x 30 mm wide
290 mm long – plus connectors



Approx. weight:
0.9 kg (2.0 lbs.)

- **Reject Band to 4000 MHz**
- **Slopes: 20 MHz / 60 dB**

Specifications		* Power Handling	
Passband:	1805 to 1880 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. Power is limited due to the narrow passband. 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:	1.5 dB at Fo 1842.5 / 2.5 dB max.		
Power Handling:	50 W max. (see note *)		
Return Loss (50Ω) in Passband:	14 dB min. = VSWR 1.5 : 1 max.		
Reject Bands:	DC to 1785 MHz and 1910 to 4000 MHz		
Reject Attenuation:	60 dB min.		
Operating Temperature:	+15°C to +40°C		
Dimensions & approx. Weight:	60 mm high x 30 x 290 mm plus connectors	Approx. Weight: 0.9 kg (2.0 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.	€1.166,--	\$ 1,760.--
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.