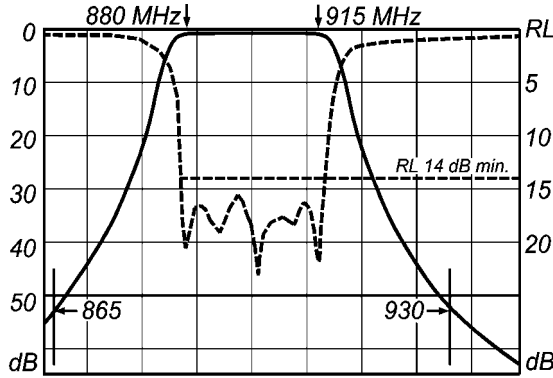




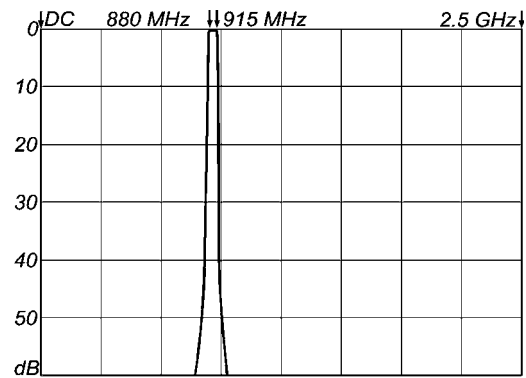
**Wainwright
Instruments GmbH**

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 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

9 Resonator Cavity Design WCG Series	Bandpass Filter		Model Number:
	Pass Band 880 to 915 MHz Reject Band DC to 865 & 930 to 2500 MHz		WCG 880/915-865/930-50/9 (add connector code - see below)

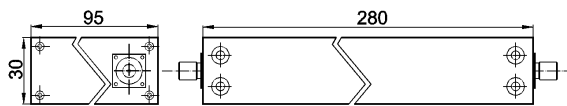


Passband Response



Reject Band Response

Model Numbers: WCG880/915-865/930-50/9SS (= SMA-F) or: WCG880/915-865/930-50/9EE (= N-F)



Approx. weight: 1.2 kg (2.7 lbs.)



- Slopes: 15 MHz / 50 dB
- Reject Band to 2500 MHz

Specifications		* Power Handling
Passband:	880 to 915 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:	1.5 dB max at 897.5 MHz	
Passband Loss at Corners:	1.8 dB max. at 880 and 915 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 865 MHz and 930 to 2500 MHz	
Reject Attenuation:	50 dB min.	
Operating Temperature:	+15°C to +40°C	
Dimensions & approx. Weight:	95 mm high x 30mm x 280 mm plus connectors	weight: 1.2 kg (2.7 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-\$:
	Euro: Price based on shipment ex factory	Price includes shipping, import charges and customs duty. **
When purchasing 1 – 4 pcs.	€1080,--	\$ 1,645.--
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.