



**Wainwright  
Instruments GmbH**

Widdersberger Str.14

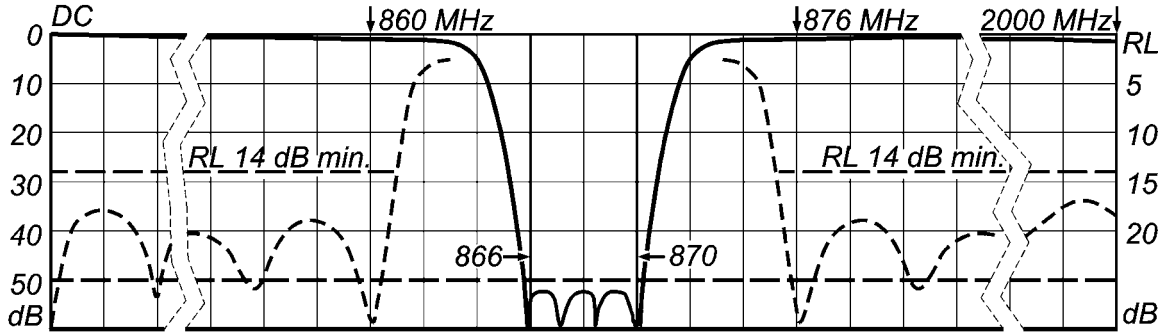
**D82346 Andechs, Germany**

Tel.: +49-8152-918230 Fax: +49-8152-918255

E-Mail: [info@wainwright-filters.com](mailto:info@wainwright-filters.com)

Internet: [www.wainwright-filters.com](http://www.wainwright-filters.com)

<b>6 Resonator</b> Ultra Stable Cavity Design <b>WRCA Series</b>	<b>Band Reject Filter</b> Reject Band 866 to 870 MHz Passbands DC to 860 & 876 to 2000 MHz	<b>Model Number:</b> <b>WRCA-866/870-860/876-50/6_-250</b> <i>(add connector code - see below)</i>
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approx. weight:  
12.5 kg (27.5 lbs)

**Model Number:**

**WRCA 866/870-860/876-50/6EE-250** (= N-F Connectors)

**WRCA 866/870-860/876-50/6HH-250** (= 7/16-F Connectors)

- Slopes 6 MHz / 50 dB
- Ultra Stable
- Very Flat Passband to 2000 MHz
- 250 W Power Handling \*

\* This filter is designed to handle at least 250 W of RF Power and our customers have not reported any problems. However, we do not have the power sources necessary for power testing. Any filter damaged by exposure to 250 W or less of RF power will be repaired free of charge, but we will not be responsible for any other damage.  
See also our Terms and Conditions in this regard.

<b>Specifications</b>			
<b>Reject Band:</b>	866 MHz to 870 MHz		
<b>Reject Attenuation:</b>	50 dB min.		
<b>Passbands:</b>	DC to 860 MHz and 876 to 2000 MHz		
<b>Passband Loss:</b>	0.5 dB max.		
<b>Return Loss (50 Ω) in Passband:</b>	15 dB min. = VSWR 1.43 : 1 max.		
<b>Power Handling</b>	250 W continuous operation (CW) ; see also remarks above*		
<b>Operating Temperature:</b>	+15°C to +40°C		
<b>Dimensions &amp; approx. Weight:</b>	130 mm high x 410 x 275 mm plus connectors	<u>Approx.</u> Weight: 12.5 kg ( 27.5 lbs)	
<b>Mounting Provision:</b>	4 x M4 threaded holes each on all sides - see drawing UMP-1 (Website)		
<b>Connector Code:</b>	N-female = <b>EE</b> or 7/16-female = <b>HH</b> - both connectors on <u>one</u> 130 x 410 mm surface		
Price Basis: see Ord. Inf., Terms, Warranty	<b>PRICES:</b>	<b>Euro:</b> Price based on shipment ex factory	<b>US-\$:</b> Price includes shipping, import charges and customs duty. **
When purchasing	1 – 4 pcs.	<b>€1.555,--</b>	<b>\$ 2,420.--</b>
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 4 to 6 weeks - depending on work load in the factory at time of order.