



**Wainwright  
Instruments GmbH**

Widdersberger Str.14

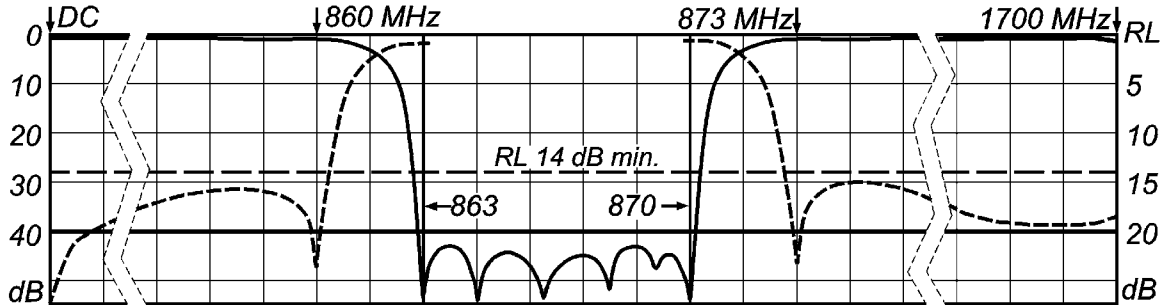
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<b>9 Resonator</b> Ultra Stable Cavity Design <b>WRCA Series</b>	<h2>Band Reject Filter</h2>	<b>Model Number:</b> <b>WRCA-863/870-860/873-</b> <b>40/9___-500</b> <i>(add connector code - see below)</i>
	<b>Reject Band 863 to 870 MHz</b> <b>Passbands DC to 860 &amp; 873 to 1700 MHz</b>	



**Model Number:**

WRCA 863/870-860/873-40/9EE-500 (= N-F Connectors)

WRCA 863/870-860/873-40/9HH-500 (= 7/16-F Connectors)

- Slopes 3 MHz / 40 dB
- Ultra Stable
- Very Flat Passband to 1700 MHz
- 500 W Power Handling

This filter is designed to handle at least 500 W of RF Power. However, we do not have the power sources necessary for power testing. Any filter damaged by exposure to 500 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.

Specifications			
<b>Reject Band:</b>	863 MHz to 870 MHz		
<b>Reject Attenuation:</b>	40 dB min.		
<b>Passbands:</b>	DC to 860 MHz and 873 to 1700 MHz		
<b>Passband Loss:</b>	1.0 dB max.		
<b>Return Loss (50 Ω) in Passband:</b>	14 dB min. = VSWR 1.5 : 1 max. between DC and 860 MHz		
<b>Power Handling</b>	500 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 410 mm <u>Approx.</u> Weight: 18.5 kg ( 40.7 lbs) plus connectors		
<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>€2.500,--</b>	<b>\$ 3,720.--</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 3 to 4 weeks - depending on work load in the factory at time of order.