



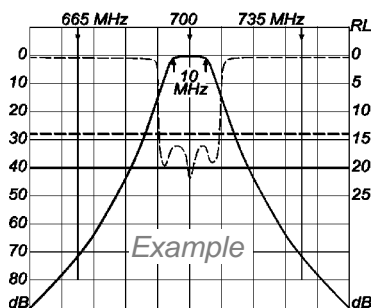
**Wainwright  
Instruments GmbH**

Widdersberger Str.14  
**82346 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)

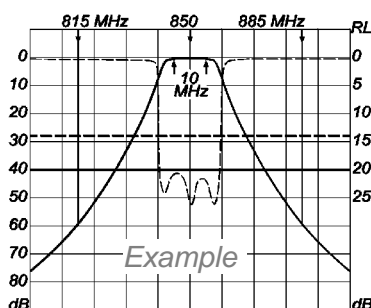
**5 Resonator  
Cavity Design  
WBCT Series**

**Tunable Bandpass Filter**  
**Tuning Range 700 MHz to 1000 MHz**  
**Passband Bandwidth 10 MHz**

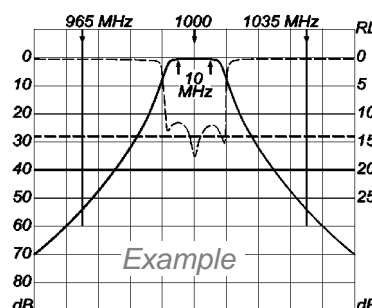
Model No.  
**WBCT 700/1000-10/40-5**  
 (add codes - see below)



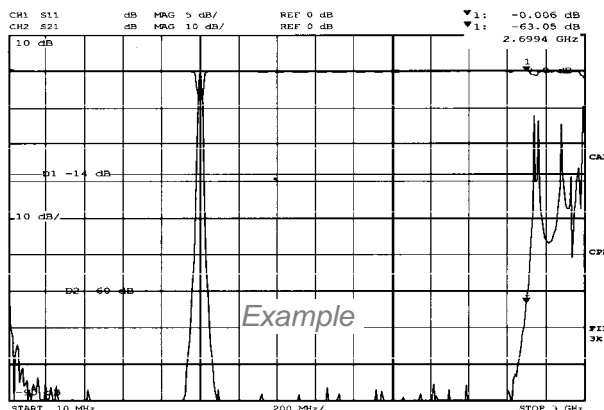
Tuned to 700 MHz



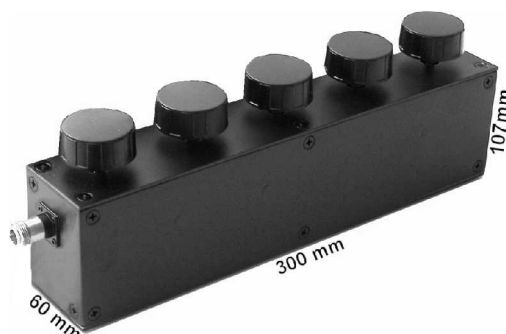
Tuned to 850 MHz



Tuned to 1000 MHz



Model **WBCT 700/1000-10/40-5EEK**



<b>Specifications</b>		<p><b>Dear Customer:</b>  <b>Please help us to serve your needs more precisely:</b>            Please let us know what <u>power handling</u> is most desirable for your application and what <u>bandwidth</u> (in MHz) would be the most useful for you in this frequency range.</p>
<b>Passband:</b>	10 MHz (nominal)	
<b>Passband Loss:</b>	1.0 dB max. at Fo / 1.5 dB max. at corners	
<b>Tuning Range:</b>	700 MHz – 1000 MHz	
<b>Power Handling:</b>	Not yet determined.	
<b>Return Loss (50Ω) in Passband:</b>	14 dB min. = VSWR 1.5 : 1 max.	
<b>Reject Attenuation:</b>	40 dB min. at 850 MHz ± 35 MHz	
<b>Stopband:</b>	50 dB min. to at least 2400 MHz if tuned to 850 MHz	
<b>Operating Temperature:</b>	+15°C to +45°C	
<b>Dimensions:</b>	107 mm high (plus knobs) x 60 x 300 mm (plus connectors)	
<b>Approx. Weight:</b>	3.5 kg (7.7 lbs)	
<b>Mounting Provision:</b>	4 x M4 threaded holes each on all sides - see drawing <a href="#">UMP-1</a>	
<b>Connector Code:</b>	SMA-female = <b>SS</b> or N-female = <b>EE</b>	
<b>Options Codes:</b>	Filters with tuning knobs = <b>K</b> - filters with slots for screwdriver tuning = <b>SD</b>	
<b>Prices:</b> When purchasing 1 - 4 pcs.	<b>Euro: € 1.242,--</b>	<b>US-\$: <u>Will be quoted.</u></b>
<b>Delivery Terms:</b>	FCA Andechs-Frieding (free carrier) according to <b>Incoterms 2000</b> . In Deutschland liefern wir frachtfrei gemäß CPT <b>Incoterms 2000</b> (unversichert). Regarding payment terms and Warranty see <a href="#">Terms and Conditions</a> .	
<b>Test Sheet with Analyzer Curves supplied</b>		

**Delivery Time:** Will be quoted