



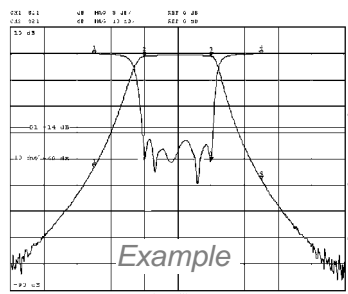
**Wainwright  
Instruments GmbH**

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)

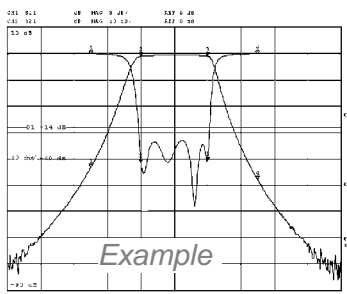
**6 Resonator  
Cavity Design  
WTCG Series**

**Tunable Bandpass Filter**  
**Frequency Range 2000 MHz to 2500 MHz**  
**Passband Bandwidth 46 MHz**

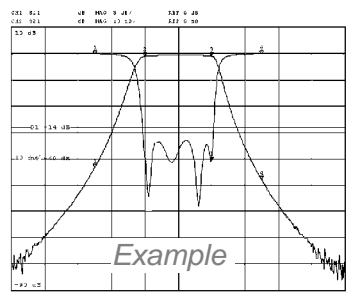
**Model No.**  
**WTCG 2000/2500-46/40-6**  
 (add connector code - see below)



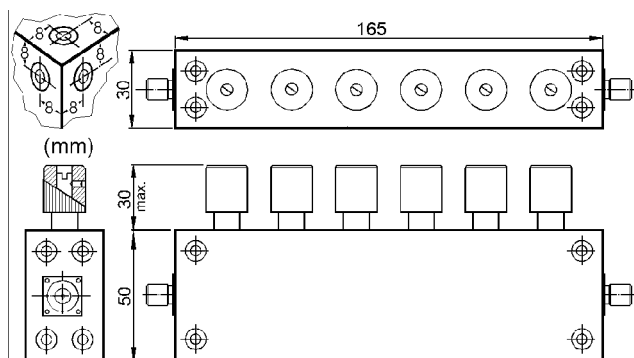
Tuned to the low end



Tuned to 2250 MHz



Tuned to the high end



Screwdriver adjustment possible from slot in knob.  
 Knob can be removed or made ineffective by loosening the set screw.

Specifications		Dear Customer:	
<b>Passband:</b>	46 MHz (nominal)	<b>Please help us serve your needs more precisely:</b> Please let us know what power handling is most desirable for your application and what bandwidth (in MHz) would be the most useful for you in this frequency range.	
<b>Passband Loss:</b>	1.5 dB max. at Fo / 2.0 dB max. at corners		
<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 2250 MHz ± 54 MHz		
<b>Stopband:</b>	60 dB to at least 8000 MHz		
<b>Operating Temperature:</b>	+15°C to +45°C		
<b>Dimensions:</b>	50 mm high x 30 x 165 mm (plus connectors and knobs)		
<b>Approx. Weight:</b>	0.5 kg (1.1 lbs)		
<b>Mounting Provision:</b>	4 x M4 threaded holes each on all sides		
<b>Connector Code:</b>	SMA-female = <b>SS</b> or N-female = <b>EE</b>		
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>€976,--</b>		<b><u>Will be quoted.</u></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:** Will be quoted