



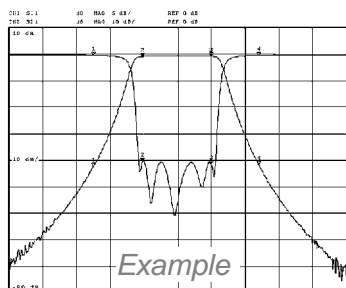
**Wainwright  
Instruments GmbH**

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)

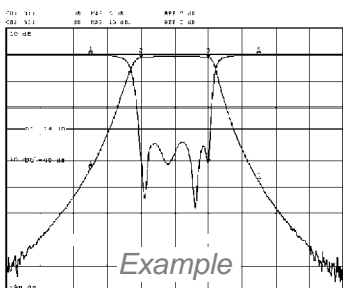
**6 Resonator  
Cavity Design  
WTCJ Series**

**Tunable Bandpass Filter**  
**Frequency Range 3900 MHz - 4900 MHz**  
**Passband Bandwidth 100 MHz**

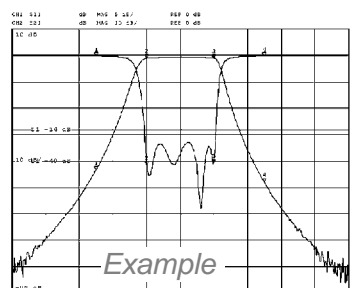
**Model No.**  
**WTCJ 3900/4900-  
100/40-6SS**



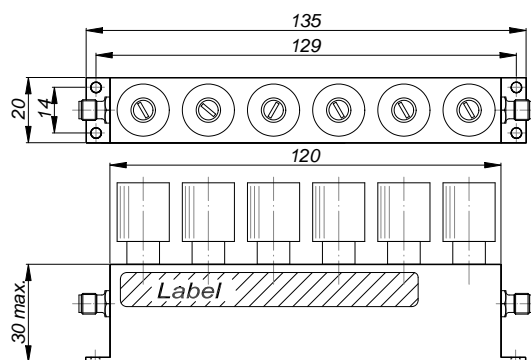
Tuned to the low end



Tuned to 4400 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: Please help us to serve your needs more precisely: 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.
Passband:	100 MHz (nominal)	
Passband Loss:	1.8 dB max. at Fo / 2.0 dB max. at corners	
Power Handling:	Not yet determined.	
Return Loss (50Ω) in Passband:	14 dB min. = VSWR 1.5 : 1 max.	
Reject Attenuation:	40 dB min. at 4400 MHz ± 200 MHz	
Stopband: (40 dB min.)	DC to at least 8000 MHz	
Operating Temperature:	+15°C to +45°C	
Dimensions:	30 mm high (plus knobs) x 20 x 120 mm (plus connectors)	
Approx. Weight:	0,45 kg (1.0 lbs)	
Mounting Provision:	4 x Ø3.2 threaded holes each on all sides	
Connector Code:	7.5 mm mounting flanges with Ø3.2 holes	
Prices: When purchasing 1 - 4 pcs.	<b>Euro: € 976,--</b>	<b>US-\$: <u>Will be quoted.</u></b>
Delivery Terms:	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> .	
Test Sheet with Analyzer Curves supplied		

**Delivery Time:** Will be quoted