



**Wainwright
Instruments GmbH**

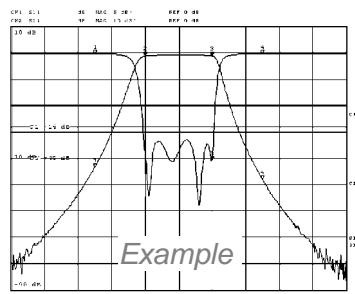
Widdersberger Str.14
82346 Andechs, Germany
 Tel.: +49-8152-918230 Fax: +49-8152-918255
 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

**6 Resonator
Cavity Design
WTCG Series**

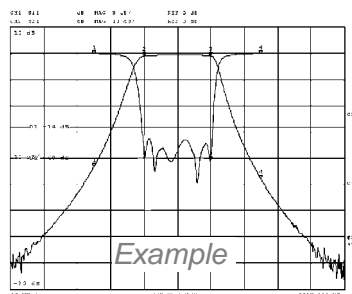
Tunable Bandpass Filter

**Frequency Range 2500 MHz to 3100 MHz
Passband Bandwidth 52 MHz**

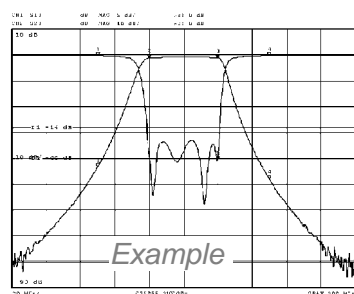
Model No.
WTCG 2500/3100-52/40-6
 (add connector code - see below)



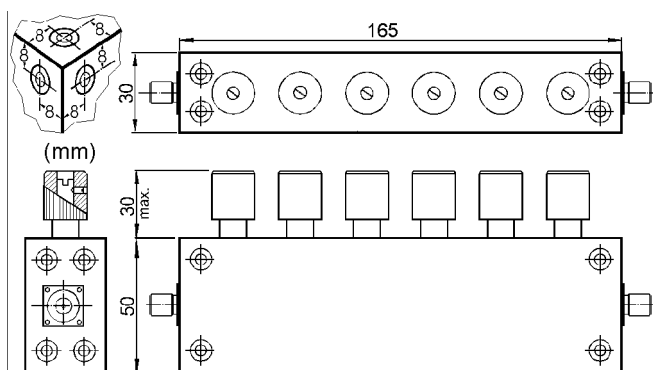
Tuned to the low end



Tuned to 2800 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 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:	52 MHz (nominal)	
Passband Loss:	1.5 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 2800 MHz ± 60 MHz	
Stopband:	60 dB to at least 8000 MHz	
Operating Temperature:	+15°C to +45°C	
Dimensions:	50 mm high x 30 x 165 mm (plus connectors and knobs)	
Approx. Weight:	0.5 kg (1.1 lbs)	
Mounting Provision:	4 x M4 threaded holes each on all sides	
Connector Code:	SMA-female = SS or N-female = EE	
Prices: When purchasing 1 - 4 pcs.	Euro: € 976,--	US-\$: <u>Will be quoted.</u>
Delivery Terms:	FCA Andechs-Frieding (free carrier) according to Incoterms 2000 . In Deutschland liefern wir frachtfrei gemäß CPT Incoterms 2000 (unversichert). Regarding payment terms and Warranty see Terms and Conditions .	

Test Sheet with Analyzer Curves supplied

Delivery Time: Will be quoted