



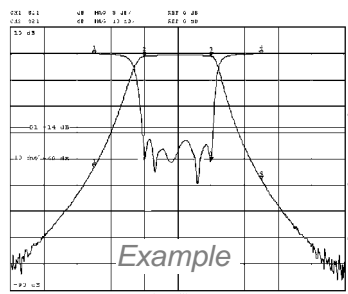
**Wainwright
Instruments GmbH**

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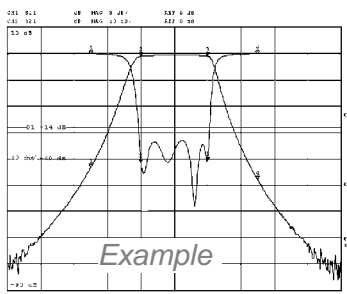
**6 Resonator
Cavity Design
WBCG Series**

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

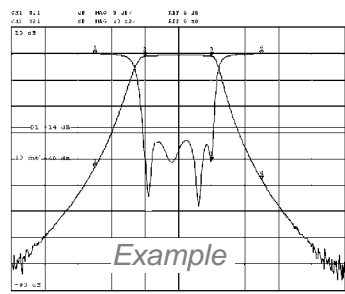
Model No.
WBCG 2000/2500-
46/40-6
 (add codes - see below)



Tuned to the low end

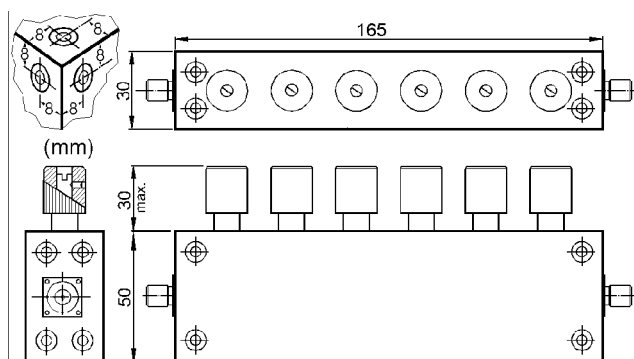


Tuned to 2250 MHz



Tuned to the high end

Model: **WBCG 2000/2500-46/40-6SSK**



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

Specifications		Dear Customer:
Passband:	46 MHz (nominal)	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 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 2250 MHz ± 54 MHz	
Stopband:	60 dB to at least 6300 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	
Options Codes:	Filters with tuning knobs = K - filters with slots for screwdriver tuning = SD	
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		