



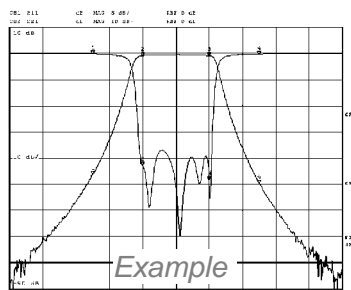
**Wainwright
Instruments GmbH**

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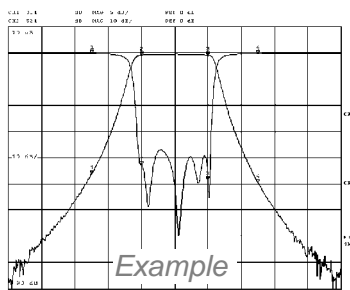
**6 Resonator
Cavity Design
WBCG Series**

Tunable Bandpass Filter
Frequency Range 1400 MHz to 1700 MHz
Passband Bandwidth 40 MHz

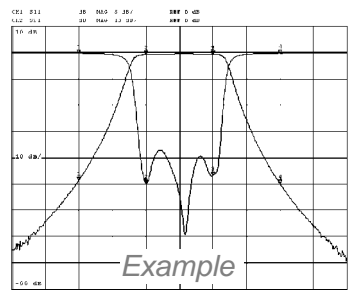
Model No.
**WBCG 1400/1700-
40/40-6**
 (add codes - see below)



Tuned to the low end

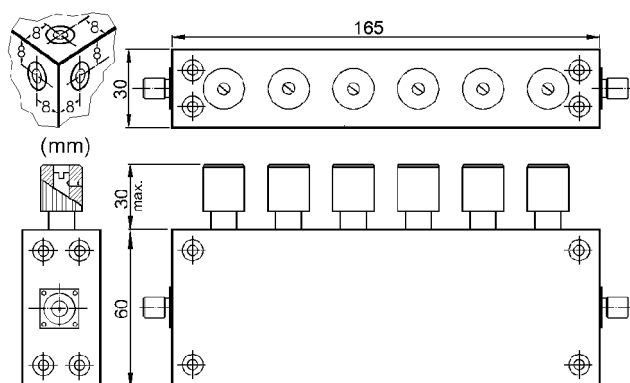


Tuned to 1550 MHz



Tuned to the high end

Model: **WBCG 1400/1700-40/40-6SSK**



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

| Specifications | | Dear Customer: |
|--|--|---|
| Passband: | 40 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 1550 MHz ± 50 MHz | |
| Stopband: | 60 dB to at least 4340 MHz | |
| Operating Temperature: | +15°C to +45°C | |
| Dimensions: | 60 mm high x 30 x 165 mm (plus connectors and knobs) | |
| Approx. Weight: | 0.6 kg (1.3 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 | | |