



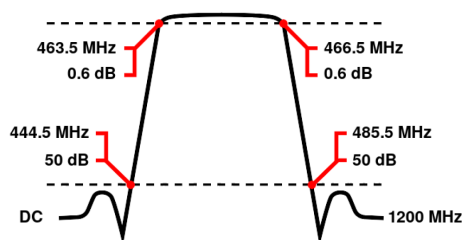
## Band Pass Filter

### WBCDB3-444.5-463.5-466.5-485.5-50SS

Passband 463.5 to 466.5 MHz   Slopes 19 MHz   Bandwidth 3 MHz   Attenuation 50 dB min.

<b>Passband</b>	465 (Fo) $\pm$ 1.5 MHz = 463.5 to 466.5 MHz
<b>Insertion Loss</b>	0.5 dB max. at Fo (0.6 dB max. at Corners)
<b>Return Loss</b>	14 dB min. (VSWR 1.5:1 max.)
<b>Stopband</b>	DC to 444.5 MHz and 485.5 to 1200 MHz
<b>Stopband Attenuation</b>	50 dB min.
<b>Operating Temperature</b>	15 °C to 45 °C
<b>Power Handling</b>	will be quoted on request (See our <a href="#">warranty</a> )
<b>Dimensions (L x W x H)</b>	max. 255 x 75 x 175 mm (connectors may protrude)
<b>Approx. Weight</b>	3.75 kg
<b>Mounting Provision</b>	7.5 mm flanges on both ends with 5.2 mm holes
<b>Connector 1</b>	SMA - Female
<b>Connector 2</b>	SMA - Female

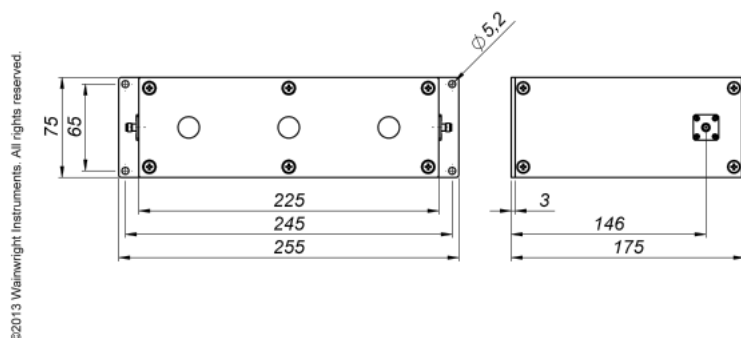
## Typical Performance



## 3 Section Cavity Design



## Technical drawing



### Connector Options:

SMA - Female  
SMA - Male  
N - Female  
N - Male  
BNC - Female  
BNC - Male  
7/16" - Female

## Unit prices

**1-4 pieces**  
3390 €

**5-9 pieces**  
3221 €

**10-24 pieces**  
3051 €

**25-49 pieces**  
2882 €

**50-99 pieces**  
2712 €

**100+ pieces**  
2543 €

## Delivery Terms

FCA Andechs (free carrier) according to Incoterms 2020. Regarding payment terms and warranty see Terms and Conditions. Delivery time: normally 4 to 6 weeks - depending on quantity ordered and on our work load. **Customer is responsible for observing all applicable export laws in regard to filter application and location of end user.**

**Wainwright Instruments GmbH**  
Graf-Rasso-Street. 1  
82346 Andechs  
Germany

**Contact**  
Phone: +49 (0) 8152 918230  
Telefax: +49 (0) 8152 918255  
Email: [info@wainwright-filters.com](mailto:info@wainwright-filters.com)

**Legal notes**  
Managing director: Terence Wainwright  
Registering court: Amtsgericht München Abt.B Nr. 58192  
VAT Id number: DE 128249711