



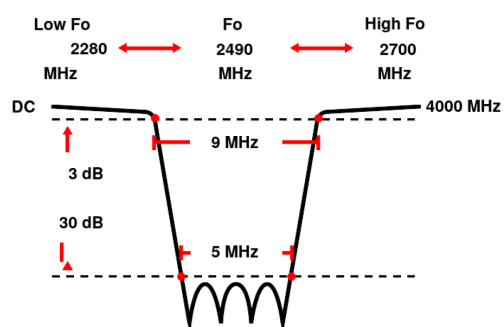
# Manually Tunable Band Reject / Notch Filter

## WTRCT10-2280-2700-5-9-30SSK

Tuning Range 2280 to 2700 MHz    Bandwidth 5 MHz    Slopes 2 MHz    Attenuation 30 dB min.

|                               |                                                               |
|-------------------------------|---------------------------------------------------------------|
| <b>Passband</b>               | DC to Fo - 4.5 MHz and Fo + 4.5 to 4000 MHz                   |
| <b>Insertion Loss</b>         | 1.25 dB max. (3 dB max. at Corners)                           |
| <b>Return Loss</b>            | 14 dB min. (VSWR 1.5:1 max.)                                  |
| <b>Stopband</b>               | 5 MHz bandwidth tunable from 2280 to 2700 MHz                 |
| <b>Stopband Attenuation</b>   | 30 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. 330 x 120 x 76 mm (connectors may protrude)              |
| <b>Approx. Weight</b>         | 5.8 kg                                                        |
| <b>Mounting Provision</b>     | 15 mm flanges on both ends with 5.2 mm holes                  |
| <b>Connector 1</b>            | SMA - Female                                                  |
| <b>Connector 2</b>            | SMA - Female                                                  |
| <b>Tuning</b>                 | Tuning with knobs                                             |

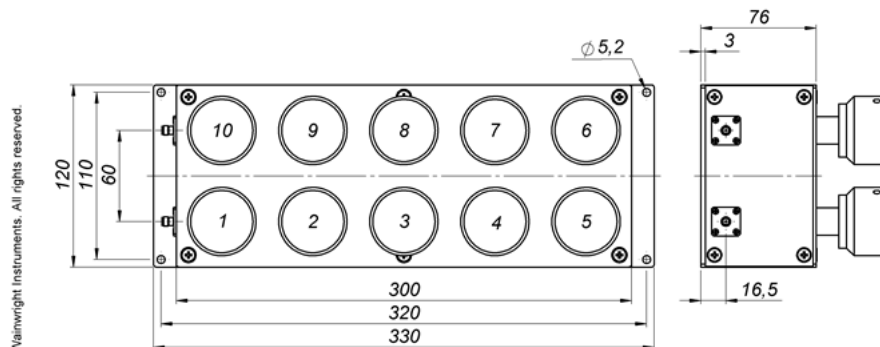
### Typical Performance



### 10 Section Cavity Design



### Technical drawing



#### Connector Options:

SMA - Female  
SMA - Male  
N - Female  
N - Male  
BNC - Female  
BNC - Male

| Unit prices | 1-4 pieces | 5-9 pieces | 10-24 pieces | 25-49 pieces | 50-99 pieces | 100+ pieces |
|-------------|------------|------------|--------------|--------------|--------------|-------------|
|             | 2890 €     | 2746 €     | 2601 €       | 2457 €       | 2312 €       | 2168 €      |

### 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.**

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