



# Manually Tunable Band Reject / Notch Filter

## WTRCJV8-4400-5150-40-160-50SSK

Tuning Range 4400 to 5150 MHz

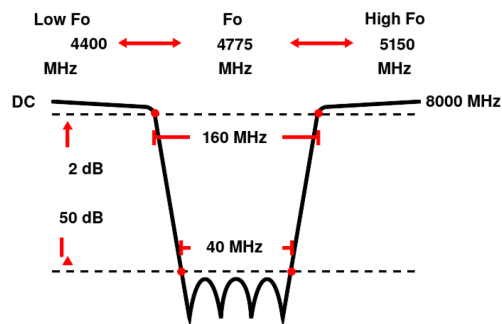
Bandwidth 40 MHz

Slopes 60 MHz

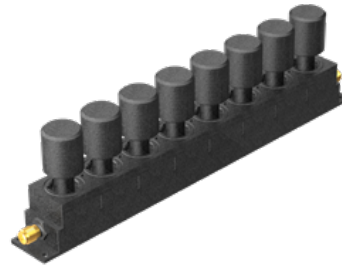
Attenuation 50 dB min.

|                               |                                                               |
|-------------------------------|---------------------------------------------------------------|
| <b>Passband</b>               | DC to $F_o - 80$ MHz and $F_o + 80$ to 8000 MHz               |
| <b>Insertion Loss</b>         | 1.75 dB max. (2 dB max. at Corners)                           |
| <b>Return Loss</b>            | 12 dB min. (VSWR 1.67:1 max.)                                 |
| <b>Stopband</b>               | 40 MHz bandwidth tunable from 4400 to 5150 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. 180 x 20 x 22 mm (connectors may protrude)               |
| <b>Approx. Weight</b>         | 0.65 kg                                                       |
| <b>Mounting Provision</b>     | 7.5 mm flanges on both ends with M3 threaded holes            |
| <b>Connector 1</b>            | SMA - Female                                                  |
| <b>Connector 2</b>            | SMA - Female                                                  |
| <b>Tuning</b>                 | Tuning with knobs                                             |

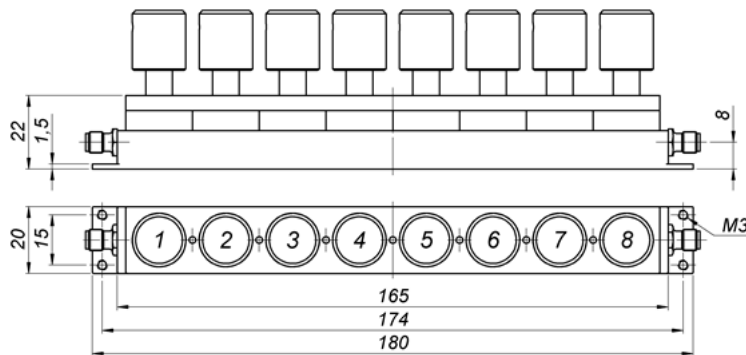
### Typical Performance



### 8 Section Cavity Design



### Technical drawing



#### Connector Options:

SMA - Female  
SMA - Male  
N - Female

### Unit prices

**1-4 pieces**  
1790 €

**5-9 pieces**  
1701 €

**10-24 pieces**  
1611 €

**25-49 pieces**  
1522 €

**50-99 pieces**  
1432 €

**100+ pieces**  
1343 €

### 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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