



Digitally Tunable Band Reject / Notch Filter

WTRCT10-1980-2280-20-40-40SSM

Tuning Range 1980 to 2280 MHz

Bandwidth 20 MHz

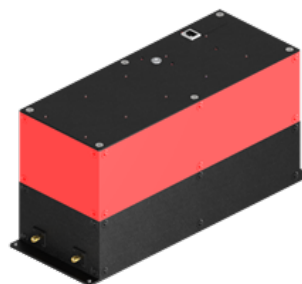
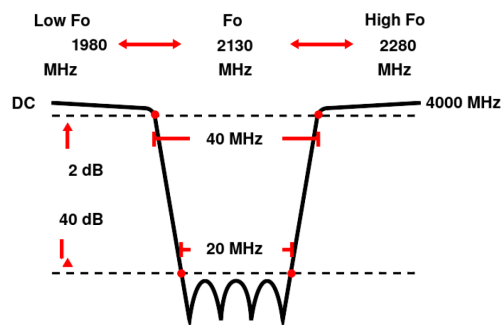
Slopes 10 MHz

Attenuation 40 dB min.

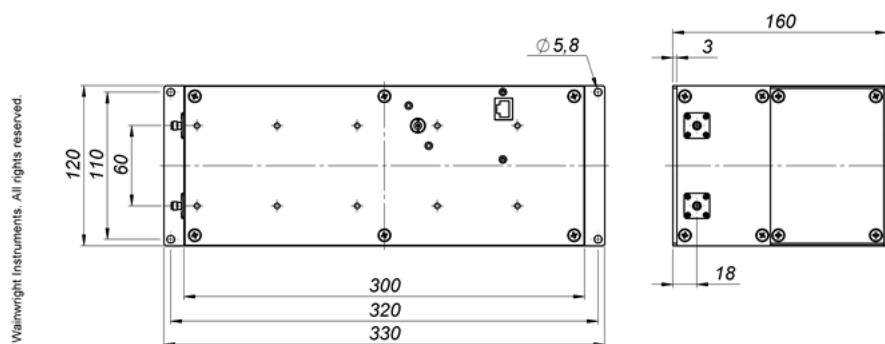
Passband	DC to Fo - 20 MHz and Fo + 20 to 4000 MHz
Insertion Loss	1.25 dB max. at Fo (2 dB max. at Corners)
Return Loss	12 dB min. (VSWR 1.67:1 max.)
Stopband	20 MHz bandwidth tunable from 1980 to 2280 MHz
Stopband Attenuation	40 dB min.
Operating Temperature	15 °C to 40 °C
Power Handling	will be quoted on request (See our warranty)
Dimensions (L x W x H)	max. 330 x 120 x 160 mm (connectors may protrude)
Approx. Weight	7.5 kg
Mounting Provision	15 mm flanges on both ends with 5.8 mm holes
Connector 1	SMA - Female
Connector 2	SMA - Female
Tuning Time	Approx. 2-6 seconds
Power Consumption	40 W standby, 100 W tuning
Supply Voltage	23-32 V DC
Lifetime	> 50000 tunings
Interface	Ethernet-Lan / WiTunes

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
6890 €

5-9 pieces
6546 €

10-24 pieces
6201 €

25-49 pieces
5857 €

50-99 pieces
5512 €

100+ pieces
5168 €

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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