



## Ku-band bandpass filter



The Bandpass Filter is used in Ku band for reducing the out of band emissions, limitation the signal bandwidth and reducing noise-band of transmitter.

11100–11700 MHz waveguide Bandpass Filter. This solution can be used in transmitters to reduce the out of band emissions and limit the signal bandwidth, and reduce noise-band of transmitter. Also this filter can be used as diplexer filter in RRLs solution or as receiver filter for increase signal-noise ratio.

Filter type	waveguide bandpass
Waveguide type	WR75
Waveguide flange type	UBR120+PBR120
Bandwidth	11100...11700 MHz
Filter characteristic type	Chebyshe
Amplitude-frequency characteristic unevenness of filter in bandwidth	+/- 0.5 dB max
Real loss in bandwidth	1 dB max
Rejection from transmission band edge of 100 MHz	45 dB, not less
VSWR	1.5 max
Case material	Aluminium alloy

*Taking into consideration that we (ROKS PrJSC) are developer and system integrator, also do not stop on our technical growth and improvement, know that view of all our devices and equipment including their technical parameters may be different from pictures presented on website and parameters listed on each device webpage.*

**Note!** All details customer has to confirm in advance during ordering and before payment. Those parameters that were not specified and / or were not agreed while ordering will be implemented as basic at the discretion of the manufacturer. Each our customer has 1.5 year warranty and 7 year aftersales support for whole range of our products.