KU-BAND BANDPASS FILTER



This waveguide bandpass filter is used in Ku band for the out of band signal emissions reducing, the signal bandwidth limitation and the transmitter noise-band reducing

Our Ku bandpass filter can be used in **transmitters** to:

- **reduce** the out-of-band emissions
- **limit** the signal bandwidth
- **reduce** the transmitter **noise** bandwidth

Also this Ku bandpass filter can be used as diplexer filter in RRL stations as receiver filter for increasing the signal-noise ratio.

Parameter	Value
Filter type	waveguide bandpass
Waveguide type	WR75
Waveguide flange types	UBR120 and PBR120
Bandwidth, GHz	11.7-12.2
Filter characteristic type	Chebyshev/Batervord
Amplitude-frequency characteristic unevenness of filter in bandwidth , dB, max	+/- 0.5

Real loss in bandwidth, dB, max	1
Rejection from transmission band edge of 100 MHz, dB, not less	45
VSWR, max	1.5
Case material	Aluminium alloy

Taking into consideration that we (UMT LLC) 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.*