Band pass filter 15-18 ghz

The Band pass filter 15-18 GHz is used for reducing the out of band emissions, limitation the signal bandwidth and reducing noise-band of transmitter.

Band pass filter 15-18 GHz 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 increasing signal-noise ratio.

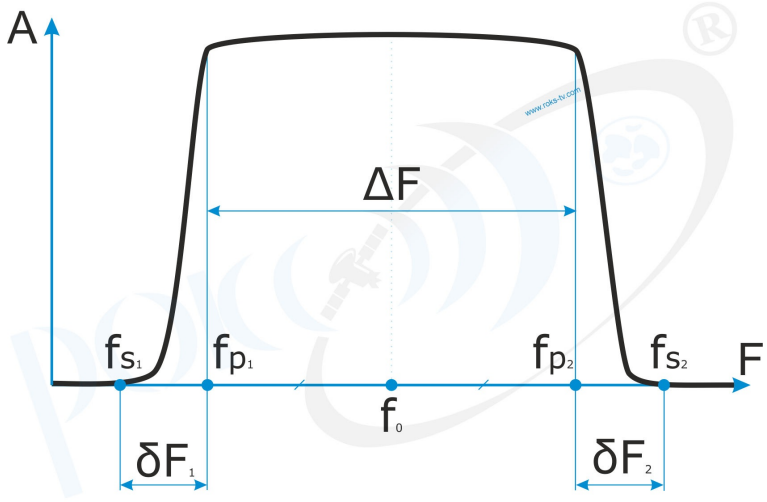
Band pass filter 15-18 GHz could be manufactured with **different types of input and output connectors**:

- Input -> Output : Coaxial -> Coaxial
- Input -> Output : Coaxial -> Waveguide
- Input -> Output : Waveguide -> Waveguide

Ordering Band pass filter 15-18 GHz, **write in comments (or fill the form in "download" tab)**:

1. carrier (f_0)
2. bandwidth
3. out of band attenuation
4. insertion loss
5. types of input and output connectors (also type of waveguide, if you are interested in waveguide connector)

The following can explain you the band pass filter operation principle:



Parameter	Value
Bandwidth (ΔF)	15 ... 18 GHz
Insertion loss	0.5 dB
Return loss, min	-15 dB
Cutoff frequencies (-3 dB)	14.9 GHz, 18.9 Ghz
Filter type	Butterworth
Offset rejection at 200MHz, min	-10 dB
Flange	WR62
Dimensions	91x35x35 mm
Weigth	155 g

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.*