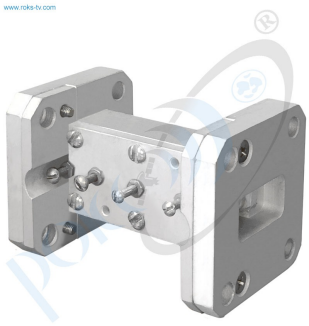
Band pass filter 2-16 ghz dro based



The Band Pass Filter 2-16 GHz DRO Based is used for reducing the out of band emissions, limitation the signal bandwidth and reducing noise-band of transmitter.

Band Pass Filter 2-16 GHz DRO Based 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.

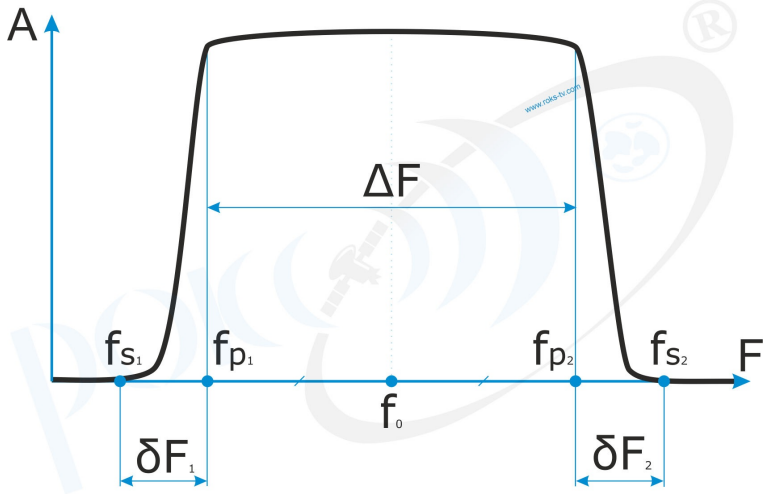
Band Pass Filter 2-16 GHz DRO Based could be manufactured with **different types of input and output connectors**:

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

Ordering Band Pass Filter 2-16 GHz DRO Based, **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
Center frequency (f_0)	2 … 16 GHz (by order)
Bandwidth (ΔF)	0.5-5.6% (from central frequency f_0)
Insertion loss	0.5-3.0 dB (depending on bandwidth and number of links)
Stop band attenuation (at the 20 MHz detuning from pass frequency f_p)	-20 … -50 dB
Dimensions	depend on bandwidth and number of links (the last chooses from out of band attenuation)

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.*