



**OVERVIEW**

BRIDGE RF Filter utilize the coaxial cavity technology or ceramics to process the pass band and rejection band signal. Internal single filtering cavity, dual filtering cavity and multi filtering paths are all as options in sites, which max provide flexible solutions in sites. The usage includes 2G/3G/4G/5G, VHF, UHF, Tetra, IoT, Military spectrum allocation in different frequency systems, and re-farming systems.

BRIDGE RF Filter could support signal pass frequency of usage and reject signal in stop band.

Our products are all made of top-quality materials, which secures the durability and stable performance of the product.

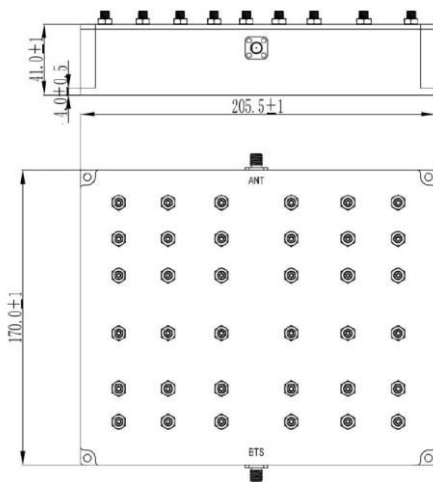
**FEATURES**

- Pass band: 750-850/1750-1850/2050-2150MHz
- Customized guard band and rejection
- High rejection value
- 4.3-10/Din connector type is optional
- Single and twins type is optional

**TECHNICAL DATA**

Electrical Specifications		
Frequency Range	Band 1	750-850MHz
	Band 2	1750-1850MHz
	Band 3	2050-2150MHz
Insertion loss		≤0.65dB
Rejection	380-730MHz	≥40dB
	870-1730MHz	≥40dB
	1870-2030MHz	≥40dB
	2170-2700MHz	≥40dB
VSWR/ Return loss		≤ 1.3/ -18dB
Power Rating		30W
Impedance		50Ω

**Product**



Unit measurements in mm

Disclaimer: All images are for reference purposes only

Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, however accuracy and completeness is not guaranteed.

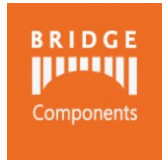
Bridge Components holds the right to change the product specifications without notice.

Revised | R.1.1

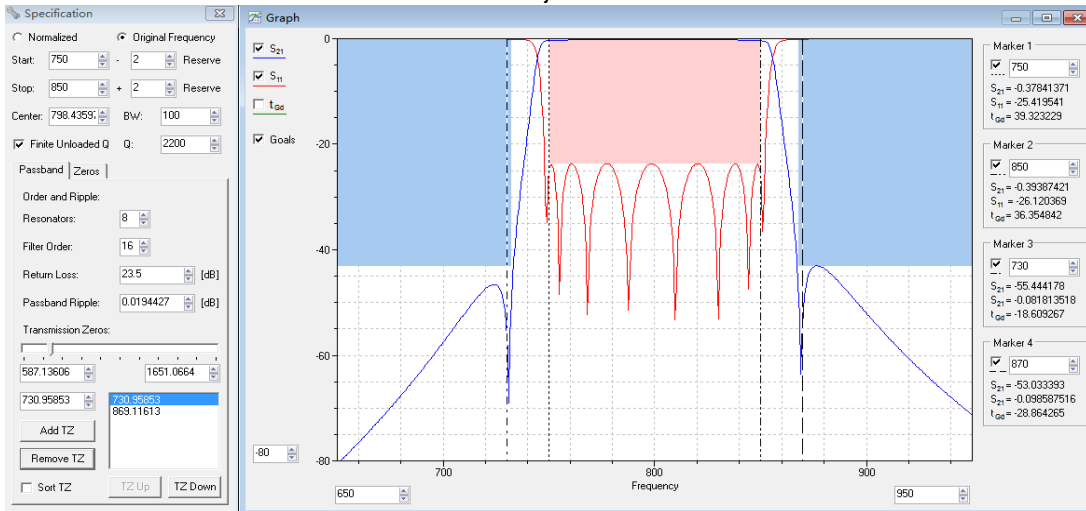
Mechanical Specifications	
Connectors	SMA Female
Dimensions	205.5 x 170 x 41 mm
Weight	1.8 kg
Color	Black

Environmental Specifications	
Temperature	-25°C~+65°C
Humidity	≤95%
IP Rating	IP40, Indoor

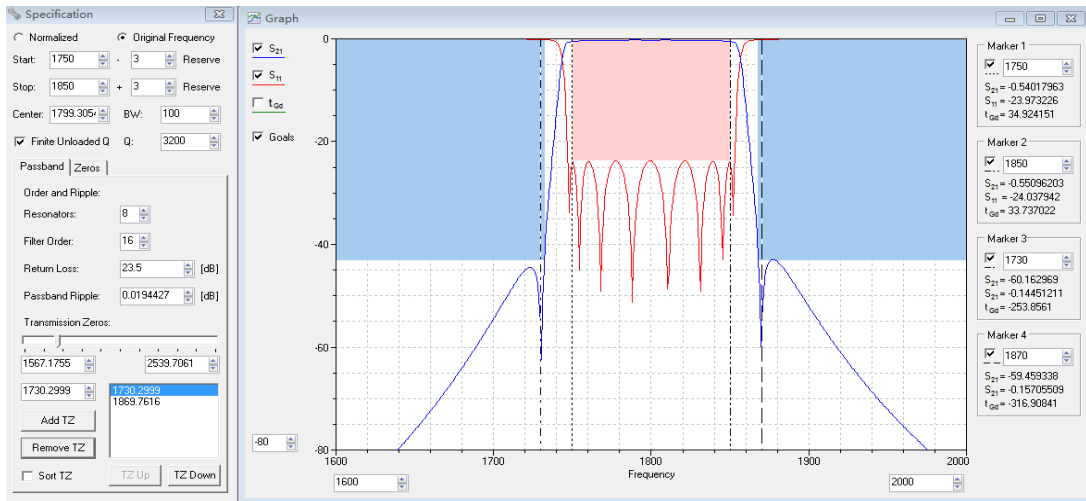
Installation Specifications	
Installation Method	Wall Mounting



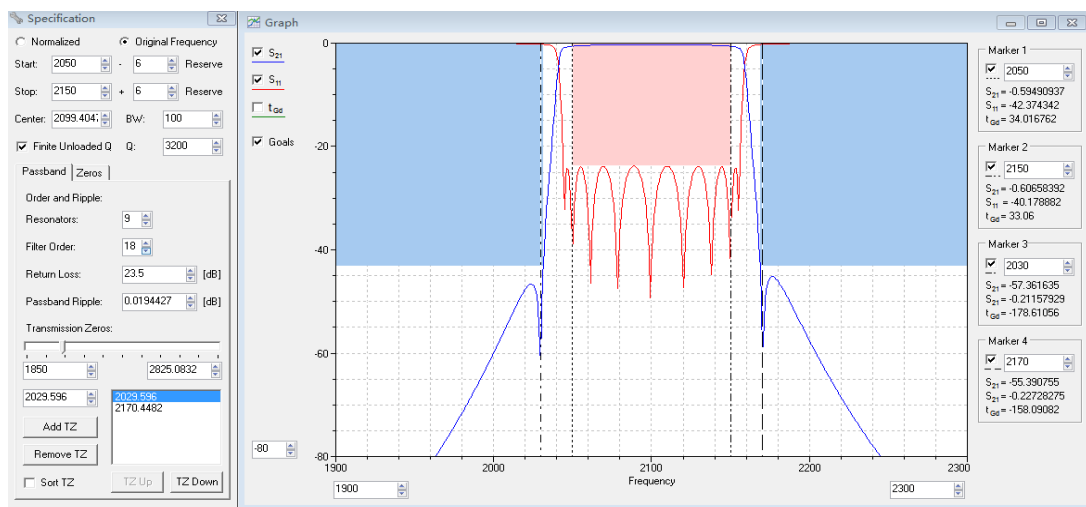
750-850 Rejection Chart



1750-1850 Rejection Chart



2050-2150 Rejection Chart



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