

# Filter Description

The filter using in this device is BF 3216 Series Multi-layer Chip Band-Pass Filters, Part No.: BF3216-B2R4BAA \_.

The detail specification please refer as below:



## **BF 3216 Series** **Multilayer Chip Band-Pass Filters**

### Features

❖ Ultra small SMD type with low loss at pass-band and high attenuation at stop-band.

### Applications

❖ 2.4GHz WLAN, Home RF, Bluetooth Modules, etc.



### Specifications

Part Number	Frequency Range (MHz)	Insertion Loss (@ BW) (dB)	VSWR (@ BW)	Attenuation I (dB)	Attenuation II (dB)	Attenuation III (dB)	Attenuation IV (dB)
BF3216-B2R4AAA_	2400 – 2500	2.0 max.	2.0 max.	30 min.@ 1750MHz	25 min.@ 2100MHz	22 min.@ 4800 – 5000MHz	--
BF3216-B2R4BAA_	2400 – 2500	2.5 max.	2.0 max.	40 min.@ 1200 – 1800MHz	25 min.@ 2100MHz	35 min.@ 4800 – 5000MHz	25 min.@ 7200 – 7500MHz

Qty/Reel (pcs) : 3,000  
Operating Temperature Range : -40 ~ +85 °C  
Storage Temperature Range : -40 ~ +85 °C  
Power Capacity : 3W max.