

Band Pass Filter 12.0 ~ 28.0GHz

Application

- ▶ Wireless communication system.
- ▶ Audio processing, image and data acquisition.
- ▶ Biomedical signal processing.
- ▶ Radar and sensors.
- ▶ It supports a one-year standard warranty.

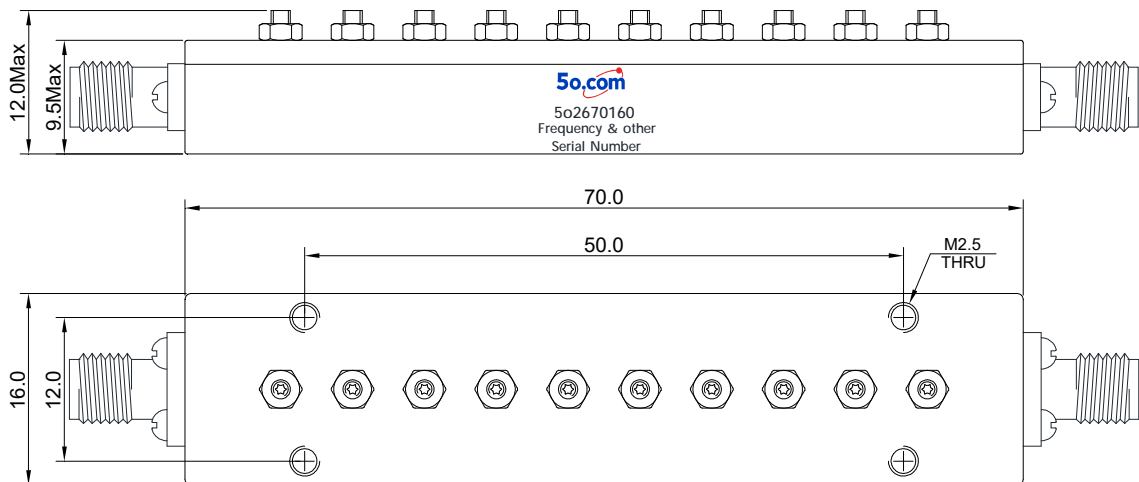
RF Characteristics

| Model Number | Pass Band (GHz) | Insertion Loss Max(dB) | Ripple (dB) | VSWR Max | Rejection | Connector Type |
|-------------------|-----------------|------------------------|-------------|----------|--|----------------|
| 5o2670160122127SK | 12.2~12.7 | 1.0 | 0.25 | 1.22 | 90dB @DC~11.25GHz 90dB @13.65~18.0GHz | SMA Female |
| 5o2670160166172SK | 16.6~17.2 | 1.8 | 0.7 | 1.22 | 70dB @DC~16.1GHz 70dB @17.7~28.0GHz 50dB @16.1~16.3GHz 50dB @17.5~17.7GHz | SMA Female |
| 5o26701602028KK | 20.0~28.0 | 0.9 | 0.5 | 1.3 | 80dB @DC~18.3GHz 80dB @29.45~50.0GHz 50dB @29.0~29.45GHz 44dB @18.3~19.0GHz | 2.92mm Female |
| 5o267016020285KK | 20.0~28.5 | 0.8 | 0.3 | 1.33 | 75dB @DC~18.0GHz 60dB @30.5~41.5GHz | 2.92mm Female |

Basic Specifications

| | | | |
|-------------------------|------------|------------------------------|-------------|
| Dimension | 70*16*12mm | Impedance | 50Ω |
| Power | 5W | Operating Temperature | -30 ~ +70°C |
| Appearance Color | Black | Storage Temperature | -55~+125°C |

Overall Dimension(mm)



Tolerances: ±2% unless otherwise stated.