

| Cavity Filter | | | | |
|-----------------------|------------------------|-----------------|---------------------|--|
| Part Number | Center Frequency (MHz) | Bandwidth (MHz) | Insertion Loss (dB) | Rejection (dB) |
| AWT-BPF356BW2-Q08 | 356 | 2 | 4 | ≥35dB @ Fc ± 1 MHz (354 MHz, 358 MHz) |
| AWT-BPF1200BW4000-Q08 | 1200 | 4000 | 2 | ≥50dB @ 7 GHz ≥20dB @ 15.3 GHz |
| AWT-BPF1300BWxx-Q08 | 1300 | 13-15 | 1.3 | ≥40dB @ DC~1270MHz ≥40dB @ 1330~2000MHz |
| AWT-BPF1500BW1000-Q08 | 1500 | 1000 | 0.8 | ≥50dB @ 500 MHz ≥50dB @ 250 MHz |
| AWT-BPF2550BW100-Q08 | 2550 | 100 | 1.4 | ≥40dB @ 2615 |
| AWT-BPF3400BW200-Q08 | 3400 | 200 | 1.2 | ≥60dB @ 3200 MHz ≥60dB @ 3600 MHz |
| AWT-BPF4100BW1400-Q08 | 4100 | 1400 | 3 | ≥65dB @ 2225 – 3025 MHz ≥65dB @ 5850 – 7025 MHz |
| AWT-BPF4200BW200-Q08 | 4200 | 200 | 0.8 | ≥70dB @ 3450 MHz ≥50dB @ 4500 MHz |
| AWT-BPF8015BW130-Q08 | 8015 | 130 | 1.4 | ≥75dB @ < 7660 MHz ≥70dB @ > 8240 MHz |
| AWT-BPF8317BW28-Q08 | 8317 | 28 | 1.2 | ≥80dB @ DC – 7.817 GHz ≥80dB @ 8.817 GHz |
| AWT-BPF9000BW2000-Q08 | 9000 | 2000 | 1 | ≥70dB @ 7 GHz ≥70dB @ 11 GHz |
| AWT-BPF9500BW1000-Q08 | 9500 | 1000 | 2 | ≥20dB @ 8.9 GHz ≥20dB @ 10.1 GHz |
| AWT-HPF2000BW16G-Q08 | 2-18 GHz | HPF | 1.5 | ≥50dB @ DC – 1.5 GHz |
| AWT-BPF11GBW14.4G-Q08 | 3.8-18.2 GHz | 14400 | 1.2 | ≥30dB @ DC – 2.6 GHz ≥30dB @ 20 – 21 GHz |
| AWT-BPF9300BW400-Q08 | 9100-9500 | 400 | 1.3 | 60 @ 8400MHz 50 @ 10100MHz 12 @ 8950MHz |


| L/C Filters | | | | |
|-------------------|----------------|-----------------|---------------------|--------------------------------------|
| Part Number | Passband (MHz) | Bandwidth (MHz) | Insertion Loss (dB) | Rejection (dB) |
| AFBPFxxxBWxxx-001 | 2-30 | 2MHz/4MHz/8MHz | 3 | ≥50dBc@FL / 1.35 ≥50dBc@FU * 1.35 |
| AFBPF020BW010-001 | 15-25 | 10 | 2 | ≥35dBc@10MHz ≥35dBc@40MHz |
| AFBPF055BW050-001 | 30-80 | 50 | 3 | ≥70dBc@110MHz ≥50dBc@ 16MHz |
| AFBPF060BW060-001 | 30-90 | 60 | 3 | ≥65dBc@110MHz ≥50dBc@ 16MHz |
| AFBPF070BW040-001 | 50-90 | 40 | 3 | ≥65dBc@110MHz ≥50dBc@ 26MHz |
| AFBPF098BW020-001 | 88-108 | 20 | 3 | ≥50dBc@55 MHz ≥50dBc@165 MHz |
| AFBPF121BW010-001 | 116-126 | 10 | 3 | ≥60dBc@90 MHz ≥50dBc@155 MHz |
| AFBPF145BW030-001 | 130-160 | 30 | 2 | ≥40dBc@100MHz ≥30dBc@185 MHz |
| AFBPF420BW340-001 | 250-590 | 340 | 2 | ≥30dBc@175MHz ≥30dBc@800 MHz |
| AFBPF380BW500-001 | 130-630 | 500 | 2 | ≥30dBc@15MHz ≥30dBc@900 MHz |





- Center Frequency: 1300 MHz
- Insertion Loss: ≤ 1.4 dB
- 3 dB Bandwidth: 13-15 MHz
- Number of sections: 4
- VSWR: ≤1.4 @ 1298~1302MHz
- Rejection ≥40dB @ DC~1270MHz
≥40dB @ 1330~2000MHz
- Power Handling 5W
- Operating Temperature -40°C~+80°C
- Surface Finish Black Paint
- Port Connectors SMA Female
- Dimensions 140mm X 50mm X 38mm




- Pass Band Frequency: 7950~8080MHz
- Insertion Loss: ≤ 1.4 dB
- Number of sections: 7
- VSWR: ≤1.3
- Rejection ≥75dB @ < 7660 MHz
≥70dB @ > 8240 MHz
- Power Handling 5W
- Operating Temperature -40°C~+80°C
- Surface Finish Clear Chromate
- Port Connectors SMA Female
- Dimensions 84mm X 18mm X 18mm

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|---|---|
|  | <ul style="list-style-type: none"> • Pass Band Frequency: 3300 - 3500 MHz • Insertion Loss: ≤ 1.2dB • VSWR: ≤1.5:1 • Rejection ≥60dB @ 3200 MHz ≥60dB @ 3600 MHz • Power Handling 10W • Operating Temperature -40°C~+80°C • Surface Finish Clear chromate • Port Connectors SMA Female • Dimensions 108mm X 56mm X 20 mm |
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|  | <ul style="list-style-type: none"> • Pass Band Frequency: 9 – 10GHz • Insertion Loss: ≤ 2 dB • VSWR: ≤1.5:1 • Rejection ≥20dB @ 8.9 GHz ≥20dB @ 10.1 GHz • Power Handling 10W • Operating Temperature -40°C~+80°C • Surface Finish Clear Chromate • Port Connectors SMA Female • Dimensions 155mm X 13mm X 16 mm |
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|---|--|--|
|  | | <ul style="list-style-type: none"> • Pass Band Frequency: 10-14GHz • Insertion Loss: ≤ 2 dB • VSWR: ≤1.5:1 • Rejection ≥50dB @ 7 GHz ≥20dB @ 15.3 GHz • Power Handling 10W • Operating Temperature -40°C~+80°C • Surface Finish Clear Chromate • Port Connectors SMA Female • Dimensions 39mm X 19mm X 8 mm |
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|--|--|---|
|  | | <ul style="list-style-type: none"> • Pass Band Frequency: 2 - 18 GHz • Insertion Loss: ≤ 1.5 dB • VSWR: ≤2:1 • Rejection ≥50dB @ DC – 1.5 GHz • Power Handling 10W • Operating Temperature -40°C~+80°C • Surface Finish Clear Chromate • Port Connectors SMA Female • Dimensions 44mm X 17mm X 10 mm |
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Diplexer/Multiplexer

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| | Parameter <ul style="list-style-type: none"> • Pass Band Frequency: • Insertion Loss: • VSWR: • Rejection | RX 880 – 915 MHz ≤ 1.0 dB ≤1.3:1 ≥60dB @ 925 – 960MHz | TX 925 – 960 MHz ≤ 1.0 dB ≤1.3:1 ≥60dB @ 880 - 915 MHz |
| | <ul style="list-style-type: none"> • Power Handling • Operating Temperature • Surface Finish • Port Connectors | 50W CW -40°C~+80°C Black Paint N Female | 50W CW -40°C~+80°C Black Paint N Female |

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|--|-------------------|--|--|--|
| | Parameters | Port 2 | Port 3 | Port 4 |
| | Frequency Range | 1940 – 1970 MHz | 2010 – 2012 MHz | 2130 – 2160 MHz |
| | Insertion Loss | <= 1.0 dB | <= 1.0 dB | <= 1.0dB |
| | VSWR | <= 1.3:1 | <= 1.3:1 | <= 1.3:1 |
| | Rejection | >= 60dB @ 2010 – 2025 MHz >= 60dB @ 2130 – 2160 MHz | >= 60dB @ 1940 - 1970 MHz >= 60dB @ 2130 - 2160 MHz | >= 60dB @ 1940 - 1970 MHz >= 60dB @ 2010 - 2025 MHz |
| | Finishing | Black Paint | | |
| | Connectors | Ant – N Female, Others-SMA Female | | |



- No of ways: 2
- Frequency: 2400 – 5900 MHz
- Insertion Loss: ≤ 3.6 dB
- VSWR: $\leq 1.35:1$
- Isolation: ≥ 18 dB
- Power Handling: 10W
- Operating Temperature: $-40 \sim +80^{\circ}\text{C}$
- Surface Finish: Black Paint
- Port Connectors: N Female
- Dimensions: 38mm X 48mm X 32mm



| Parameters | Port 2 | Port 3 | Port 4 | Port 5 |
|-----------------|--|-------------------------|-------------------------|--------------------------|
| Frequency Range | 820 – 835 MHz | 870 – 880 MHz | 1920 – 1935 MHz | 2400 – 2500 MHz |
| Insertion Loss | ≤ 1.5 dB | ≤ 1.5 dB | ≤ 1.5 dB | ≤ 1.5 dB |
| Return Loss | ≥ 18 dB | ≥ 18 dB | ≥ 18 dB | ≥ 18 dB |
| Rejection | ≥ 20 dB@870~2500MHz | ≥ 20 dB@820~835MHz | ≥ 20 dB@820~880MHz | ≥ 20 dB@820~1935MHz |
| Finishing | Black Paint | | | |
| Connectors | Ant Port :N- Female, Others : SMA Female | | | |

