



Filtres coaxiaux

Microtronics propose une gamme très large de filtres coaxiaux DC-40GHz :

Ci-dessous un extrait du catalogue produit mais la plupart de notre offre consiste en des filtres sur mesure, adaptés à vos applications.

Pour plus
D'informations



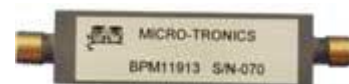
Lowpass

| Passband(MHz) | Model Number | Loss(dB) | VSWR | Rejection (dB) | Stopband (MHz) | Size (inches) |
|---------------|--------------------------|----------|-------|----------------|----------------|-------------------|
| 0 to 18.0 | LPM50001 | 3 | 1.5:1 | 50 | 19.1 to 100 | 3.00 x 1.00 x .75 |
| 0 to 230 | LPM50002 | 1 | 1.5:1 | 50 | 310 to 1000 | 1.75 x 0.50 x0.40 |
| 0 to 425 | LPM50003 | 0.8 | 1.5:1 | 35 | 500 to 3000 | 1.50 x 0.38 x0.38 |
| 0 to 800 | LPM50008 | 2 | 1.5:1 | 60 | 875 to 10000 | 2.5 x 0.38 x 0.38 |
| 0 to 1000 | LPM50004 | 1 | 1.5:1 | 60 | 1500 to 5000 | 2.25 x 0.38 x0.38 |
| 0 to 4400 | LPM50005 | 0.5 | 1.5:1 | 20 | 7200 to 18000 | 0.75 x 0.50 x0.50 |
| 0 to 6000 | LPS50006 | 1 | 2.0:1 | 60 | 6900 to 18000 | 1.50 x 0.70 x0.50 |
| 0 to 8000 | LPS50007 | 1 | 1.7:1 | 50 | 9000 to 18000 | 1.48 x 0.70 x0.50 |
| 0 to 4600 | LPS50009 | 1.5 | 2.0:1 | 55 | 5150 to 16000 | 2.00 x 0.99 x0.50 |



Highpass

| Passband (MHz) | Model Number | Loss(dB) | VSWR | Rejection (dB) | Stopband (MHz) | Size (inches) |
|----------------|--------------------------|----------|-------|----------------|----------------|--------------------|
| 100 to 500 | HPM50101 | 1 | 1.5:1 | 60 | 0 to 80 | 1.50 x 0.50x0.40 |
| 500 to 2000 | HPM50102 | 1 | 1.5:1 | 60 | 0 to 425 | 1.25 x 0.50 x0.40 |
| 1000 to 15000 | HPM50103 | 1 | 2.0:1 | 60 | 0 to 100 | 0.50 x 0.75 x0.50 |
| 1000 to 18000 | HPM50115 | 2.5 | 2.0:1 | 60 | 0 to 800 | 1.25 x 0.48 x0.40 |
| 1200 to 18000 | HPM50108 | 2.5 | 2.0:1 | 60 | 0 to 1000 | 1.25 x 0.48 x0.40 |
| 1500 to 18000 | HPM50114 | 1.5 | 2.0:1 | 50 | 0 to 1000 | 1.25 x 0.48 x0.40 |
| 1800 to 13000 | HPM50109 | 1.5 | 2.0:1 | 60 | 0 to 900 | 1.10 x 0.60 x0.50 |
| 2000 to 8000 | HPM50113 | 1 | 1.7:1 | 60 | 0 to 1500 | 1.10 x 0.6 x 0.50 |
| 2500 to 18000 | HPM50110 | 1.5 | 2.0:1 | 50 | 0 to 2000 | 1.25 x 0.48 x0.40 |
| 2800 to 18000 | HPM50111 | 2.5 | 2.0:1 | 60 | 0 to 2500 | 1.25 x 0.48 x0.40 |
| 6000 to 18000 | HPM50105 | 1.2 | 1.7:1 | 60 | 0 to 5000 | 1.50 x 0.80 x 0.50 |
| 6400 to 18000 | HPM50112 | 1.2 | 1.7:1 | 55 | 0 to 5850 | 1.50 x 0.80 x 0.50 |
| 7000 to 18000 | HPM50106 | 1.5 | 2.0:1 | 50 | 0 to 5850 | 1.54 x 0.77 x0.50 |
| 8000 to 18000 | HPM50107 | 2 | 2.0:1 | 60 | 0 to 7200 | 1.24 x 0.73 x0.50 |





Miniature Bandpass

| Passband (MHz) | Model Number | Loss(dB) | VSWR | Rejection (dB) | Stopband (MHz) | Size (inches) |
|----------------|--------------------------|----------|-------|----------------|---------------------------|--------------------|
| 25 to 35 | BPM50601 | 1.8 | 1.5:1 | 40 | 0 to 10 110 to 500 | 1.50 x 0.50 x 0.40 |
| 60 to 80 | BPM50602 | 2 | 1.5:1 | 50 | 0 to 40 110 to 500 | 1.50 x 0.50 x 0.40 |
| 225 to 400 | BPM50603 | 1.5 | 1.5:1 | 50 | 0 to 175 475 to 2000 | 2.0 x 0.50 x 0.40 |
| 500 to 2000 | BPM50604 | 1.5 | 1.7:1 | 50 | 0 to 400 2500 to 8000 | 2.0 x 0.50 x 0.40 |
| 950 to 1700 | BPM50605 | 1.2 | 1.5:1 | 40 | 0 to 700 2000 to 6000 | 2.25 x 0.38 x 0.38 |
| 1000 to 2000 | BPM50606 | 1 | 1.5:1 | 60 | 0 to 500 3000 to 18000 | 2.50 x 0.63 x 0.49 |



Comblines Bandpass

| Passband (GHz) | Model Number | Loss(dB) | VSWR | Rejection(dB) | Stopband (GHz) | Size (inches) |
|----------------|--------------------------|----------|-------|---------------|----------------------------|--------------------|
| 2.0 to 4.0 | BPC50401 | 1 | 1.5:1 | 60 | 0 to 1.10 4.90 to 12.0 | 3.80 x 1.00 x 0.80 |
| 2.0 to 6.0 | BPC50402 | 1.5 | 2.0:1 | 60 | 0 to 1.50 6.90 to 18.0 | 2.75 x 0.70 x 0.50 |
| 4.0 to 5.0 | BPC50414 | 1 | 1.5:1 | 60 | 0 to 3.00 6.00 to 18.0 | 2.20 x 0.65 x 0.70 |
| 4.0 to 8.0 | BPC50403 | 1 | 1.5:1 | 60 | 0 to 2.20 9.80 to 22.0 | 3.00 x 0.80 x 0.65 |
| 6.0 to 10.0 | BPC50404 | 1 | 1.5:1 | 60 | 0 to 5.10 11.0 to 22.0 | 2.72 x 0.60 x 0.5 |
| 8.0 to 10.0 | BPC50405 | 1 | 1.5:1 | 60 | 0 to 7.00 11.0 to 26.5 | 2.40 x 0.63 x 0.5 |
| 8.0 to 12.0 | BPC50406 | 1 | 1.5:1 | 50 | 0 to 7.00 12.80 to 26.5 | 2.58 x 0.65 x 0.5 |
| 8.0 to 16.0 | BPC50407 | 1.2 | 1.8:1 | 60 | 0 to 4.40 19.6 to 26.5 | 1.55 x 0.63 x 0.5 |
| 8.0 to 18.0 | BPC50408 | 1.3 | 2.0:1 | 50 | 0 to 6.2 19.3 to 26.5 | 1.73 x 0.62 x 0.52 |
| 10.0 to 14.0 | BPC50409 | 1 | 1.5:1 | 60 | 0 to 8.50 15.0 to 26.5 | 2.30 x 0.65 x 0.5 |
| 10.0 to 15.0 | BPC50410 | 1 | 1.5:1 | 50 | 0 to 8.00 16.2 to 26.5 | 2.01 x 1.63 x 0.5 |
| 12.0 to 18.0 | BPC50411 | 1 | 1.6:1 | 50 | 0 to 10.5 19.0 to 26.5 | 2.18 x 0.60 x 0.5 |



Combine Bandpass (suite)

| Passband (GHz) | Model Number | Loss(dB) | VSWR | Rejection(dB) | Stopband (GHz) | Size (inches) |
|----------------|--------------------------|----------|-------|---------------|----------------------------|--------------------|
| 14.0 to 18.0 | BPC50412 | 1 | 1.6:1 | 60 | 0 to 12.00 19.0 to 26.5 | 1.90 x 0.60 x 0.50 |
| 18.0 to 26.5 | BPC50413 | 1.5 | 2.0:1 | 50 | 0 to 14.00 32.0 to 40.0 | 1.08 x .50 x .50 |

Filtre réjecteur

| Passbands (MHz) | Model Number | Loss(dB) | VSWR | Rejection (dB) | Stopband (MHz) | Size (inches) |
|---------------------------|--------------------------|--------------------|-------|----------------|--------------------|--------------------|
| 0 to 2170, 3000 to 12000 | BRM50701 | see pdf data sheet | 2.0:1 | 50 | 2400 to 2500 | 1.0 x 0.98 x 0.51 |
| 0 to 2170, 3000 to 18000 | BRM50702 | 2 | 2.0:1 | 50 | 2400 to 2500 | 1.0 x 0.98 x 0.51 |
| 0 to 4950, 5550 to 11000 | BRC50703 | 2 | 1.7:1 | 45 | 5150 to 5350 | 3.48 x 0.87 x 0.53 |
| 0 to 5250, 5950 to 12000 | BRC50704 | 2 | 1.7:1 | 45 | 5470 to 5725 | 3.33 x 0.87 x 0.54 |
| 0 to 5550, 6050 to 12000 | BRC50705 | 2 | 1.7:1 | 45 | 5725 to 5875 | 3.28 x 0.87 x 0.53 |
| 0 to 550, 1300 to 6000 | BRM50706 | 1.5 | 2.0:1 | 50 | 800 to 1000 | 1.0 x 0.98 x 0.51 |
| 0 to 1250, 2600 to 9000 | BRM50707 | 1.5 | 2.0:1 | 50 | 1800 to 2000 | 1.0 x 0.98 x 0.51 |
| 0 to 3200, 3800 to 9000 | BRC50708 | 1.5 | 2.0:1 | 45 | 3400 to 3600 | 4.50 x 0.99 x 0.70 |
| 0 to 2000, 3200 to 18000 | BRM50709 | 1.5 | 2.0:1 | 50 | 2495 to 2690 | 1.0 x 0.98 x 0.51 |
| 0 to 1900, 3000 to 18000 | BRM50710 | 1.5 | 2.0:1 | 50 | 2300 to 2400 | 1.0 x 0.98 x 0.51 |
| 0 to 2800, 4400 to 18000 | BRM50711 | 1.5 | 2.0:1 | 40 | 3400 to 3800 | 1.25 x 0.48 x 0.40 |
| 750 to 1500, 1650 to 2500 | BRC50712 | 1 | 1.5:1 | 50 | 1573.92 to 1576.92 | 4.70 x 2.30 x 1.20 |
| 0 to 1260, 2240 to 9000 | BRM50713 | 1.5 | 2.0:1 | 45 | 1710 to 1785 | 1.00 x 0.98 x 0.51 |
| 0 to 1600, 2160 to 9000 | BRM50714 | 1.5 | 2.0:1 | 40 | 1850 to 1970 | 1.00 x 0.98 x 0.51 |
| 0 to 1770, 2130 to 9000 | BRM50715 | 1.5 | 2.0:1 | 30 | 1922 to 1978 | 1.00 x 0.98 x 0.51 |
| 0 to 4550, 6400 to 18000 | BRM50716 | 1.5 | 2.0:1 | 40 | 5150 to 5880 | 1.25 x 0.48 x 0.40 |
| 0 to 800, 875 to 2000 | BRC50717 | 1.5 | 1.5:1 | 50 | 825 to 850 | 7.80 x 2.25 x 2.50 |



Filtre réjecteur (suite)

| Passbands (MHz) | Model Number | Loss(dB) | VSWR | Rejection (dB) | Stopband (MHz) | Size (inches) |
|--------------------------|--------------------------|----------|-------|----------------|----------------|--------------------|
| 0 to 850, 940 to 2000 | BRC50718 | 1.5 | 1.5:1 | 50 | 880 to 915 | 7.80 x 2.25 x 2.50 |
| 0 to 1660, 1835 to 4000 | BRC50719 | 1.5 | 1.5:1 | 50 | 1710 to 1785 | 10.0 x 1.60 x 1.14 |
| 0 to 1800, 1960 to 3500 | BRC50720 | 1.5 | 1.5:1 | 50 | 1850 to 1910 | 9.53 x 1.65 x 1.14 |
| 0 to 1870, 2030 to 4200 | BRC50721 | 1.5 | 1.5:1 | 50 | 1920 to 1980 | 9.53 x 1.65 x 1.14 |
| 0 to 880, 950 to 1500 | BRC50722 | 1.5 | 1.5:1 | 50 | 902 to 928 | 7.80 x 2.25 x 2.50 |
| 0 to 2000, 2400 to 18000 | BRM50723 | 2 | 2.0:1 | 40 | 2110 to 2170 | 1.0 x 0.98 x 0.51 |

Duplexeur

| Crossover (GHz) | Passbands (MHz) | Model Number | Max. Passband Insertion Loss (dB) | Max. Crossover Insertion Loss (dB) | Minimum Rejection @15% away from Crossover (dB) | Size (inches) |
|-----------------|------------------------------|--------------------------|-----------------------------------|------------------------------------|---|--------------------|
| 2 | 0 to 1900 2100 to 18000 | DIP50514 | 2 | 6 | 50 | 1.50 x 1.30 x 0.50 |
| 4 | 0 to 3800 4200 to 18000 | DIP50515 | 1.5 | 6 | 50 | 1.30 x 1.30 x 0.50 |
| 7 | 0 to 6650 7350 to 18000 | DIP50516 | 1.5 | 6 | 60 | 1.26 x 1.67 x 0.50 |
| 8.2 | 0 to 7790 8610 to 18000 | DIP50517 | 1.5 | 6 | 50 | 1.20 x 1.25 x 0.50 |
| 12 | 0 to 11400 12600 to 18000 | DIP50518 | 1.5 | 6 | 50 | 1.00 x 1.50 x 0.51 |

