



# フィルターセレクションガイド



- ・ 幅広い周波数レンジ
- ・ カスタマ仕様に対応
- ・ 1個からのご注文対応
- ・ 短い納期と低価格

## Band Pass Filters

キャビティ型、LC、サスペンドストリップライン、導波管バンドパスフィルターなど、さまざまなタイプのバンドパスフィルターを提供します。 =標準品例=

モデル番号	パスバンド (MHz)	IL(dB)	VSWR	リジェクション(MHz)	リジェクション (dB)	パワー (W)	コネクタ	サイズ(mm)
BPF-126MN1	108-144	≤2.0	≤1.5	DC-85; 168-300	≥40	≤10	N	35x24x21
BPF-200MN1	197.5-202.5	≤1.5	≤1.3	DC-185; 215-500	≥40	≤20	N	193x140x50
BPF-323MS1	300-346	≤1.0	≤1.3	DC-253; 393-800	≥40	≤20	SMA	174x93x45
BPF-402MS1	400-403	≤2.0	≤1.3	DC-392; 411-800	≥35	≤50	SMA	153x83x35
BPF-466MS1	465-468	≤2.0	≤1.3	DC-457; 476-800	≥35	≤50	SMA	153x83x35
BPF-722MS1	717-728	≤1.0	≤1.2	DC-657; 788-3000	≥50	≤50	SMA	153x83x35
BPF-869MN1	863 - 875	≤3.5	≤1.4	DC - 860; 878-3000	≥40	≤20	N	157x81x36.5
BPF-1200MS1	1100-1300	≤1.0	≤1.3	DC-1020; 1380-2400	≥60	≤5	SMA	80x16x9
BPF-1350MS1	1000-1700	≤1.5	≤1.5	DC-800; 1900-2500	≥60	≤2	SMA	77x60x11
BPF-1600MS1	1400-1800	≤2.0	≤1.6	DC-1320; 1880-2100	≥60	≤5	SMA	68x13x7
BPF-1800MS1	1540-2060	≤1.5	≤1.5	DC-1340; 2260-3000	≥60	≤2	SMA	71x47x10
BPF-1850MS1	1840-1860	≤2.0	≤1.3	DC-1765; 1955-5000	≥50	≤10	SMA	80x28x20
BPF-2250MS1	1900-2600	≤1.5	≤1.5	DC-1700; 2800-3300	≥60	≤2	SMA	80x39x10
BPF-2260MS1	2195-2325	≤1.0	≤1.3	DC-2160; 2360-5000	≥40	≤20	SMA	120x62x21
BPF-2700MS1	2414-2985	≤1.5	≤1.5	DC-2216; 3189-4000	≥60	≤2	SMA	77x33x10
BPF-2856MS1	2836-2876	≤2.0	≤1.2	DC-2731; 2981-6000	≥40	≤5	SMA	70x22x14
BPF-3600MN1	3400-3800	≤1.0	≤1.3	DC-3200; 4200-7000	≥40	≤20	N	115x25x20
BPF-5712MS1	5692-5732	≤2.0	≤1.2	DC-5587; 5837-10000	≥40	≤5	SMA	60x17x11
BPF-8450MS1	8100-8800	≤1.5	≤1.3	DC-7950; 8950-15000	≥20	≤5	SMA	70x16x10
BPF-9800MS1	8200-11400	≤1.0	≤1.5	DC-6900; 12450-17000	≥30	≤5	SMA	40x13x7
BPF-9840MS1	9800-9880	≤2.8	≤1.3	DC-9760; 9920-15000	≥30	≤5	SMA	73x39x10
BPF-10000MS1	9500-10000	≤0.6	≤1.3	DC-8000; 12000-19000	≥25	≤5	SMA	60x16x9
BPF-11705MS1	11605-11805	≤1.5	≤1.5	DC-10705; 12705-14000	≥60	≤5	SMA	100x16x9
BPF-12750MS1	11000-14500	≤1.0	≤1.5	DC-10000; 16000-20000	≥30	≤2	SMA	50x13x7
BPF-13000MS1	12500-13500	≤1.0	≤1.3	DC-12000; 14000-24000	≥40	≤5	SMA	80x16x9
BPF-13625MS1	12750-14500	≤1.0	≤1.3	DC-12350; 14900-20000	≥50	≤5	SMA	100x16x9
BPF-14500MS1	14000-15000	≤1.0	≤1.3	DC-13500; 15500-24000	≥40	≤5	SMA	100x16x9
BPF-15575MS1	13000-18500	≤1.0	≤1.7	DC-12000; 19500-22000	≥50	≤2	SMA	62x13x7
BPF-16450MS1	14900-18000	≤2.0	≤1.6	DC-13000; 19000-20000	≥70	≤5	SMA	64x12.5x7
BPF-18000MS1	17500-18500	≤1.0	≤1.3	DC-16000; 20000-28000	≥45	≤5	SMA	40x16x9.5



ローパスフィルターは、あらゆる通信受信機で最も一般的に使用されているフィルターの1つです。RFONEは、カットオフ周波数が1GHzから21GHzまでの幅広いローパスフィルターを提供します。パフォーマンス、製造可能性、およびコストを考慮し、さまざまな周波数帯域に最適なテクノロジーを採用しています。

モデル番号	パスバンド(GHz)	リジエクシオン (dB@GHz)	IL(dB)	VSWR	パワー(W)	コネクタ	サイズ (mm)
LPF-1GS1	DC-1.0	≥70@1.3-4.2	≤1.0	≤1.3	≤15	SMA	82x27x10
LPF-1D25GS1	DC-1.25	≥60@1.52-4.7	≤1.0	≤1.3	≤15	SMA	66x27x10
LPF-1D5GS1	DC-1.5	≥60@1.8-5.3	≤1.0	≤1.3	≤15	SMA	69x26x10
LPF-1D75GS1	DC-1.75	≥60@2.1-5.8	≤1.0	≤1.3	≤15	SMA	64x24x10
LPF-2GS1	DC-2.0	≥60@2.38-7.0	≤1.0	≤1.3	≤15	SMA	61x24x10
LPF-2D25GS1	DC-2.25	≥60@2.65-7.4	≤1.0	≤1.3	≤15	SMA	55x24x10
LPF-2D5GS1	DC-2.5	≥60@2.95-7.7	≤1.0	≤1.3	≤15	SMA	53x23x10
LPF-2D75GS1	DC-2.75	≥60@3.17-8.5	≤1.0	≤1.3	≤15	SMA	51x23x10
LPF-3GS1	DC-3.0	≥60@3.52-10	≤1.0	≤1.3	≤15	SMA	44x24x10
LPF-3D25GS1	DC-3.25	≥60@3.74-10.5	≤1.0	≤1.3	≤15	SMA	42x24x10
LPF-3GS1	DC-3.5	≥60@4.05-11.5	≤1.0	≤1.3	≤15	SMA	38x24x10
LPF-3D75GS1	DC-3.75	≥60@4.25-11.8	≤1.0	≤1.3	≤15	SMA	38x24x10
LPF-4GS1	DC-4.0	≥60@4.5-12.3	≤1.0	≤1.3	≤15	SMA	35x23x10
LPF-4D25GS1	DC-4.25	≥60@4.77-12.8	≤1.0	≤1.3	≤15	SMA	35x23x10
LPF-4D5GS1	DC-4.5	≥60@5.1-13.7	≤1.0	≤1.3	≤15	SMA	34x23x10
LPF-5GS1	DC-5.0	≥60@5.58-15	≤1.0	≤1.3	≤15	SMA	31x22x10
LPF-5D5GS1	DC-5.5	≥60@6.07-15.1	≤1.0	≤1.3	≤15	SMA	30x22x10
LPF-6GS1	DC-6.0	≥60@6.7-15.5	≤1.0	≤1.3	≤15	SMA	29x22x10
LPF-6D5GS1	DC-6.5	≥60@7.27-15.3	≤1.0	≤1.3	≤15	SMA	31x23x10
LPF-7GS1	DC-7.0	≥50@7.77-15.5	≤1.0	≤1.3	≤15	SMA	31x23x10
LPF-7D5GS1	DC-7.5	≥50@8.3-15.8	≤1.0	≤1.4	≤15	SMA	30x22x10
LPF-8GS1	DC-8.0	≥50@8.8-16.2	≤1.0	≤1.4	≤15	SMA	30x22x10
LPF-8D5GS1	DC-8.5	≥50@9.3-17	≤1.0	≤1.4	≤15	SMA	29x21x10
LPF-9GS1	DC-9.0	≥50@9.8-17	≤1.0	≤1.4	≤15	SMA	29x21x10
LPF-9D5GS1	DC-9.5	≥50@10.3-18	≤1.0	≤1.4	≤15	SMA	29x21x10
LPF-10GS1	DC-10	≥50@10.9-18.5	≤1.0	≤1.4	≤15	SMA	28x21x10
LPF-10D5GS1	DC-10.5	≥50@11.65-18.5	≤1.0	≤1.4	≤15	SMA	27x20x10
LPF-11GS1	DC-11	≥50@12.1-19	≤1.0	≤1.5	≤15	SMA	24x19x10
LPF-11D5GS1	DC-11.5	≥50@12.6-20	≤1.0	≤1.5	≤15	SMA	24x19x10
LPF-12GS1	DC-12	≥50@13.1-20	≤1.0	≤1.5	≤15	SMA	24x19x10
LPF-12D5GS1	DC-12.5	≥50@13.7-20	≤1.0	≤1.5	≤15	SMA	24x19x10
LPF-13GS1	DC-13	≥50@14.1-21	≤1.0	≤1.5	≤15	SMA	22x17.5x10
LPF-13D5GS1	DC-13.5	≥50@14.7-21.3	≤1.0	≤1.5	≤15	SMA	22x17.5x10
LPF-14GS1	DC-14	≥50@15.2-21.7	≤1.0	≤1.5	≤15	SMA	22x17.5x10
LPF-14D5GS1	DC-14.5	≥50@15.7-22	≤1.0	≤1.5	≤15	SMA	22x17.5x10
LPF-15GS1	DC-15	≥50@16-22.3	≤1.0	≤1.5	≤15	SMA	21x17x10
LPF-15D5GS1	DC-15.5	≥50@16.5-22.5	≤1.0	≤1.5	≤15	SMA	21x17x10
LPF-16GS1	DC-16	≥50@17-22.8	≤1.0	≤1.5	≤15	SMA	21x17x10
LPF-16D5GS1	DC-16.5	≥50@17.5-23	≤1.0	≤1.5	≤15	SMA	21x17x10
LPF-17GS1	DC-17	≥50@18.1-24	≤1.0	≤1.6	≤15	SMA	18x17x10
LPF-17D5GS1	DC-17.5	≥50@18.6-25	≤1.0	≤1.6	≤15	SMA	18x17x10
LPF-18GS1	DC-18	≥50@19.1-26	≤1.0	≤1.6	≤15	SMA	18x17x10
LPF-18D5GS1	DC-18.5	≥50@19.6-26	≤1.0	≤1.6	≤15	SMA	18x17x10
LPF-19GS1	DC-19	≥50@20.1-26	≤1.0	≤1.6	≤15	SMA	17x17x10
LPF-20GS1	DC-20	≥50@21.2-27	≤1.0	≤1.6	≤15	SMA	17x17x10
LPF-21GS1	DC-21	≥50@22.2-27	≤1.0	≤1.6	≤15	SMA	17x17x10

1GHzのカットオフ周波数から28GHzまでの幅広いハイパスフィルターを提供します。  
業界標準からカスタムご要求仕様に合わせご提供します。

モデル番号	パスバンド (GHz)	リジエクション (dB@GHz)	IL(dB)	VSWR	パワー(W)	コネクタ	サイズ(mm)
HPF-1GS1	1.0-6.0	≥60@DC-0.86	≤1.0	≤1.6	≤15	SMA	102x39x10
HPF-1D25S1	1.25-7.0	≥60@DC-1.04	≤1.0	≤1.5	≤15	SMA	86x36x10
HPF-1D5GS1	1.5-8.0	≥60@DC-1.28	≤1.0	≤1.5	≤15	SMA	76x34x10
HPF-1D75GS1	1.75-10	≥60@DC-1.47	≤1.0	≤1.5	≤15	SMA	68x30x10
HPF-2GS1	2.0-13	≥60@DC-1.7	≤1.0	≤1.5	≤15	SMA	56x36x10
HPF-2D25GS1	2.25-14	≥60@DC-1.93	≤1.0	≤1.5	≤15	SMA	52x32x10
HPF-2D5GS1	2.5-15	≥60@DC-2.15	≤1.0	≤1.5	≤15	SMA	49x32x10
HPF-2D75GS1	2.75-16	≥60@DC-2.36	≤1.0	≤1.5	≤15	SMA	45x30x10
HPF-3DGS1	3.0-18	≥60@DC-2.6	≤1.0	≤1.5	≤15	SMA	55x29x10
HPF-3D25GS1	3.25-18	≥60@DC-2.83	≤1.0	≤1.5	≤15	SMA	42x28x10
HPF-3D5GS1	3.5-19	≥60@DC-3.08	≤1.0	≤1.5	≤15	SMA	41x29x10
HPF-3D75GS1	3.75-19	≥60@DC-3.3	≤1.0	≤1.5	≤15	SMA	39x28x10
HPF-4GS1	4.0-20	≥60@DC-3.55	≤1.0	≤1.5	≤15	SMA	39x28x10
HPF-4D25S1	4.25-20	≥60@DC-3.78	≤1.0	≤1.5	≤15	SMA	36x25x10
HPF-4D5GS1	4.5-21	≥60@DC-3.98	≤1.0	≤1.5	≤15	SMA	36x25x10
HPF-5GS1	5.0-22	≥60@DC-4.48	≤1.0	≤1.5	≤15	SMA	35x25x10
HPF-5D5GS1	5.5-23	≥60@DC-4.95	≤1.0	≤1.5	≤15	SMA	33x24x10
HPF-6GS1	6.0-24	≥60@DC-5.4	≤1.0	≤1.5	≤15	SMA	32x23x10
HPF-6D5GS1	6.5-24	≥60@DC-5.83	≤1.0	≤1.5	≤15	SMA	31x21x10
HPF-7GS1	7.0-24	≥60@DC-6.3	≤1.0	≤1.5	≤15	SMA	30x21x10
HPF-727GS1	7.5-27	≥50@DC-6.25	≤1.0	≤1.5	≤15	SMA	30x15x10
HPF-8GS1	8.0-25	≥60@DC-7.25	≤1.0	≤1.5	≤15	SMA	29x21x10
HPF-8D5GS1	8.5-25	≥60@DC-7.68	≤1.0	≤1.5	≤15	SMA	28x20x10
HPF-9GS1	9.0-23	≥60@DC-8.22	≤1.0	≤1.5	≤15	SMA	29x23x10
HPF-9D5GS1	9.5-23.5	≥60@DC-8.7	≤1.0	≤1.5	≤15	SMA	29x22x10
HPF-10GS1	10-24	≥60@DC-9.17	≤1.0	≤1.5	≤15	SMA	28x22x10
HPF-10D5GS1	10.0-24	≥60@DC-9.58	≤1.0	≤1.6	≤15	SMA	27x22x10
HPF-11GS1	11-24	≥60@DC-10.07	≤1.0	≤1.6	≤15	SMA	27x21x10
HPF-11D5GS1	11.0-24	≥60@DC-10.55	≤1.0	≤1.6	≤15	SMA	27x21x10
HPF-12GS1	12-24.5	≥60@DC-11	≤1.0	≤1.6	≤15	SMA	27x20x10
HPF-12D5GS1	12.5-24.5	≥60@DC-11.4	≤1.0	≤1.6	≤15	SMA	27x20x10
HPF-13GS1	13-24.5	≥60@DC-11.95	≤1.0	≤1.6	≤15	SMA	26x20x10
HPF-13D5GS1	13.5-24.5	≥60@DC-12.4	≤1.0	≤1.6	≤15	SMA	26x20x10
HPF-14GS1	14-25	≥60@DC-12.82	≤1.0	≤1.6	≤15	SMA	25x19x10
HPF-14D5GS1	14.5-25	≥60@DC-13.3	≤1.0	≤1.6	≤15	SMA	25x19x10
HPF-15GS1	15-25	≥60@DC-13.7	≤1.0	≤1.6	≤15	SMA	24x19x10
HPF-18GS1	18-28	≥60@DC-16	≤1.0	≤1.8	≤15	SMA	18x16x10



7.5 -27 GHz High Pass Filter

HPF-727GS1



RVA 1

## Specifications

1	Cut Off Frequency	7.5 GHz
2	Pass Band Frequency	7.5~27GHz
3	Pass Band Insertion Loss	≤1.5dB @ 7.5~7.8GHz ≤1.0dB @ 7.8~27GHz
4	Pass Band VSWR	≤1.5:1
5	Stop Band Attenuation	≥50dB @ DC~6.25GHz
6	Impedance	50 ohms
7	Power	≤15W
8	Connectors	Passivated Stainless Steel SMA-Female
9	Surface Finish	Black Paint
10	Temperature Range	-55℃~+85℃
11	Net weight	0.015 KG



3.0 -18 GHz High Pass Filter

HPF-3DGS1



RVA 1

## Specifications

1	Cut Off Frequency	3.0 GHz
2	Pass Band Frequency	3.0~18GHz
3	Pass Band Insertion Loss	≤1.6dB @ 3.0~3.2GHz ≤1.0dB @ 3.2~18GHz
4	Pass Band VSWR	≤1.5:1
5	Stop Band Attenuation	≥60dB @ DC~2.6GHz
6	Impedance	50 ohms
7	Power	≤15W
8	Connectors	Passivated Stainless Steel SMA-Female
9	Surface Finish	Black Paint
10	Temperature Range	-55℃~+85℃
11	Net weight	0.04 KG



ランプトエレメント、キャビティ、セラミック、導波管、サスペンデッド基板型など、さまざまなタイプの**バンドストップフィルター**を提供します。お客様の要件に最適なトポロジーを適合させます。

モデル番号	リジェクト (MHz)	リジェクション (dB)	パスバンド(MHz)	IL(dB)	リターンロスdB	パワー(W)	コネクタ	サイズ(mm)
BRF-155MS1	135-175	≥40	DC-100; 212-1000	≤3	≥8	≤50	SMA	70x40x30
BSF-375MS1	250-500	≥50	DC-160; 590-850	≤3	≥10	≤40	SMA	60x60x20
BSF-435MS1	400-470	≥40	DC-350; 520-2500	≤3	≥8	≤50	SMA	70x40x30
BSF-750MS1	500-1000	≥50	DC-380; 1120-1400	≤3	≥10	≤40	SMA	60x60x20
BSF-723MS1B	718-728	≥60	DC-673; 773-4000	≤1	≥10	≤40	SMA	TBD
BSF-723MN4	718-728	≥40	DC-703; 743-4000	≤3	≥10	≤100	N	204x36x80
BSF-751MN1	735-771	≥40	DC-720; 786-5000	≤3	≥6@2.5-5GHz; ≥10 for other bands	≤100	N	324x65x40
BSF-778MN1	773-783	≥40	DC-758; 798-4000	≤3	≥10	≤100	N	204x36x80
BSF-778MS1B	773-783	≥60	DC-728; 828-4000	≤1	≥10	≤40	SMA	TBD
BSF-786MS1	770-803	≥40	DC-760; 813-3500	≤3	≥10	≤40	SMA	TBD
BSF-793MS1B	783-803	≥60	DC-748; 838-4000	≤1	≥10	≤40	SMA	TBD
BSF-832MS4	814-849	≥40	DC-799; 864-3000	≤3	≥10	≤40	SMA	TBD
BSF-836MS1	824-849	≥40	DC-814; 859-3500	≤3	≥10	≤40	SMA	TBD
BSF-877MS1	860-894	≥40	DC-850; 904-3500	≤3	≥10	≤40	SMA	TBD
BSF-912MS1	864-960	≥40	DC-834; 990-3000	≤3.5	≥5	≤40	SMA	324x75x36
BSF-920MS1	917-923.5	≥40	DC-902; 938.5-5000	≤3	≥10	≤20	SMA	244x65x40
BSF-942MS1	925-960	≥40	DC-915; 975-3500	≤3	≥10	≤40	SMA	TBD
BSF-943MS1	940-946.3	≥40	DC-925; 961.3-5000	≤3	≥10	≤20	SMA	244x65x40
BSF-955MS1	943.3-960	≥40	DC-933; 976-3000	≤2.5	≥10	≤40	SMA	244x36x80
BSF-955MS1B	949.3-960	≥60	DC-904.3; 1005-5000	≤1	≥10	≤40	SMA	TBD
BSF-1748MS7	1710-1785	≥40	DC-1695; 1800-4000	≤3	≥9.5	≤40	SMA	434x60x36
BSF-1765MS1	1750-1780	≥40	DC-1740; 1790-4000	≤3	≥10	≤40	SMA	TBD
BSF-1843M7	1805-1880	≥40	DC-1790; 1895-4000	≤3	≥9.5	≤40	SMA	434x60x36
BSF-1950MS5	1920-1980	≥40	DC-1910; 1990-4000	≤2	≥10	≤40	SMA	433x50x36mm
BSF-2140MS6	2110-2170	≥40	DC-2098; 2182-6000	≤3	≥10	≤40	SMA	354x56x36
BSF-2442MS1	2400-2484	≥50	DC-2370; 2514-12750	≤3	≥6@8-12.75GHz; ≥10 for other bands	≤40	SMA	240x42x26
BSF-2535MS6	2500-2570	≥40	DC-2486; 2584-6000	≤3	≥10	≤40	SMA	304x53x36
BSF-2595MS1	2575-2615	≥40	DC-2570; 2620-6000	≤3	≥6@4-6GHz; ≥10 for other bands	≤40	SMA	TBD
BSF-2595MS1	2585-2605	≥50	DC-2570; 2620-6000	≤1.3	≥10	≤40	SMA	184x36x44
BSF-2655MS1	2620-2670	≥40	DC-2615; 2680-6000	≤3	≥6@4-6GHz; ≥10 for other bands	≤40	SMA	TBD
BSF-3560MS1	3420-3700	≥50	DC-3385.8; 3734.2-11500	≤3	≥10	≤60	SMA	TBD
BSF-3560MS1	3420-3800	≥40	DC -3400;3820-8000	≤3	≥6@5-8GHz; ≥10 for other bands	≤40	SMA	TBD
BSF-5315MS1	5150-5380	≥50	DC-5090; 5440-12750	≤3	≥6@9-12.75GHz; ≥10 for other bands	≤40	SMA	150x29x20
BSF-5597MS6	5470-5725	≥40	DC-5370; 5825-13000	≤3	≥6@8-13GHz; ≥10 for other bands	≤20	SMA	150x36x20
BSF-5775MS1	5725-5825	≥50	DC-5657; 5875-12750	≤3	≥6@9-12.75GHz; ≥10 for other bands	≤40	SMA	150x42x20
BSF-5890MS1	5855-5925	≥40	DC-5805; 5975-13000	≤3	≥6@8-13GHz; ≥10 for other bands	≤20	SMA	150x36x20



Resistive Power Dividers, DC-40GHz, 2 Way



2.92mm, 2.4mm, 1.85mm End Launch Connectors



Tight Bend Triple-Shielding Flexible Cable



1.85mm Inner DC Block, 10 MHz To 67 GHz