



(以实物为准)

概述

BF-K5-air 是针对民航通信频段开发的测试和测量应用的成套滤波器，由 19 个带通滤波器和 1 个带阻滤波器组成。

BF-K5-air 可配合 BXT 的 iEMI 系列电磁环境

测试系统使用，也可以配合各种频谱分析仪应用，目的在于提高频谱分析仪的动态范围，获取正确的测试结果。

特点和应用

- ✓ 结构牢固，体积小，便于携带
- ✓ 实验室和现场应用
- ✓ 为民航频段电磁环境测试应用优化设计
- ✓ 配合频谱分析仪进行电磁环境测试

订货

P/N	描述
BF-K5-air	民航测试滤波器套件,共 20 件,N

配置和指标

型号	通带范围 (MHz)	阻带抑制	插入损耗	VSWR	尺寸(L*W*H)	适用台站类型
BPF-02822N	2.8-22	≥40dB@30MHz	1.0dB max.	1.5 typ.	46.6*18*18mm	高频通信
BPF-7476N	74-76	≥40dB@53MHz ≥40dB@97MHz	1.5dB max.	1.5 typ.	46.6*18*18mm	指点信标
BPF-108112N	108-112	≥40dB@80MHz ≥40dB@140MHz	1.5dB max.	1.5 typ.	46.6*18*18mm	航向信标
BPF-108118N	108-118	≥40dB@88MHz ≥40dB@138MHz	1.5dB max.	1.5 typ.	46.6*18*18mm	全向信标
BPF-108137N	108-137	≥30dB@98MHz ≥20dB@146MHz	1.5dB max.	1.5 typ.	58*20*18mm	甚高频通信
BPF-118137N	118-137	≥40dB@95MHz ≥40dB@180MHz	1.5dB max.	1.5 typ.	58*20*18mm	甚高频通信
BPF-328335N	328.6-335.4	≥20dB@280MHz ≥20dB@390MHz	1.5dB max.	1.5 typ.	46.6*18*18mm	下滑信标
BPF-9601215N	960-1215	≥40dB@832.5MHz ≥40dB@1342.5MHz	1.5dB max.	1.5 typ.	82*44*20mm	测距仪频段
BPF-10291031N	1029-1031	≥40dB@960MHz ≥40dB@1110MHz	1.5dB max.	1.5 typ.	48*25*18mm	二次雷达
BPF-10871093N	1087-1093	≥60dB@960MHz ≥40dB@1170MHz	1.5dB max.	1.5 typ.	40*25*18mm	二次雷达
BPF-10891091N	1089-1091	≥60dB@960MHz ≥40dB@1170MHz	1.5dB max.	1.5 typ.	40*25*18mm	广播监视系统
BPF-12501350N	1250-1350	≥40dB@1200MHz ≥40dB@1400MHz	1.0dB max.	1.5 typ.	100*38*20mm	一次雷达远程
BPF-12701295N	1270-1295	≥40dB@1224.5MHz ≥40dB@1340.5MHz	1.0dB max.	1.5 typ.	82*44*20mm	风廓线雷达
BPF-13001375N	1300-1375	≥40dB@1204.5MHz ≥40dB@1470.5MHz	1.0dB max.	1.5 typ.	82*44*20mm	风廓线雷达
BPF-27002900N	2700-2900	≥40dB@2250MHz ≥40dB@3300MHz	1.0dB max.	1.5 typ.	58*22*20mm	一次雷达近程

BF-K5-air 民航测试滤波器套件

BPF-39683991N	3968-3991	≥40dB@3779.5MHz ≥40dB@4179.5MHz	1.5dB max.	1.5 typ.	40 *25*18mm	卫星地球站 C 波段
BPF-53005600N	5300-5600	≥40dB@5150MHz ≥40dB@5750MHz	1.5dB max.	1.5 typ.	64*20*20mm	天气雷达 C 波段
BPF-93009700N	9300-9700	≥40dB@9100MHz ≥40dB@9900MHz	2.5dB max.	1.5 typ.	82*20*20mm	天气雷达 X 波段
BPF-1268812742N	12688-12742	≥40dB@12270MHz ≥40dB@13160MHz	1.5dB max.	1.5 typ.	58 *20*20mm	卫星地球站 Ku 波段

*指标如有变化，恕不另行通知。

型号	阻带范围	阻带抑制	3dB带宽	通带插入损耗	VSWR		接口
					通带	阻带	
BSF-88108N	87.5-108MHz	>20dB	81&120MHz	<1dB below 65MHz <1.5dB@140-1000MHz	1.3	3.4	N

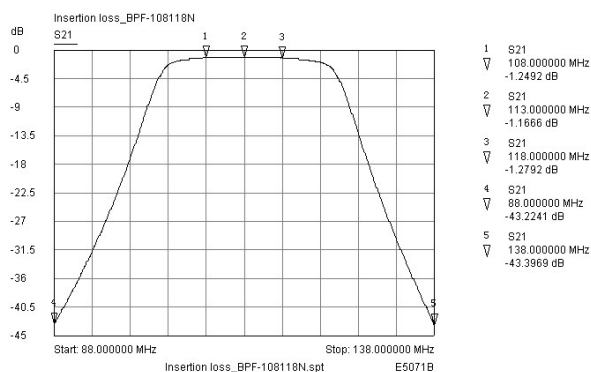
*指标如有变化，恕不另行通知。

指标图

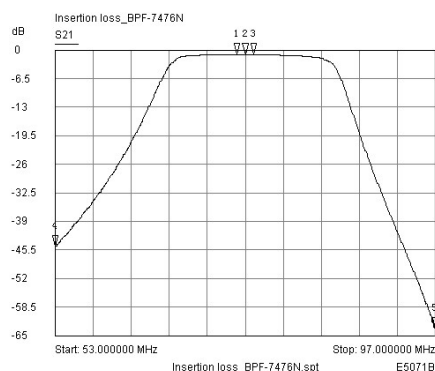
BPF-02822N



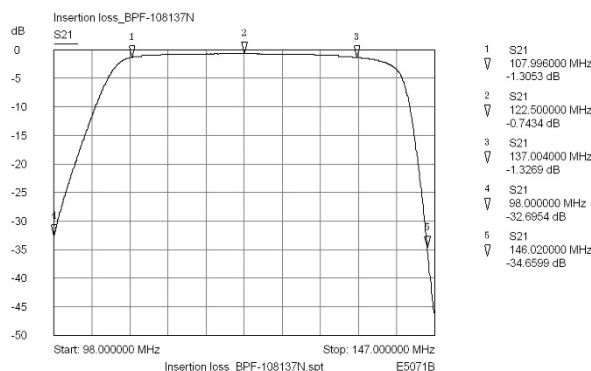
BPF-108118N



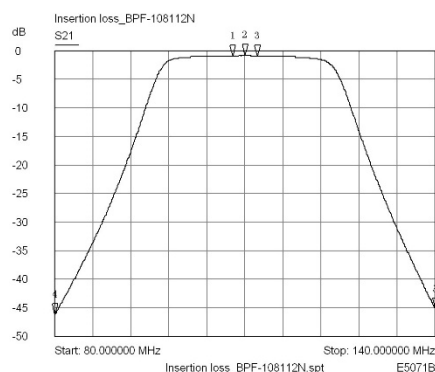
BPF-7476N



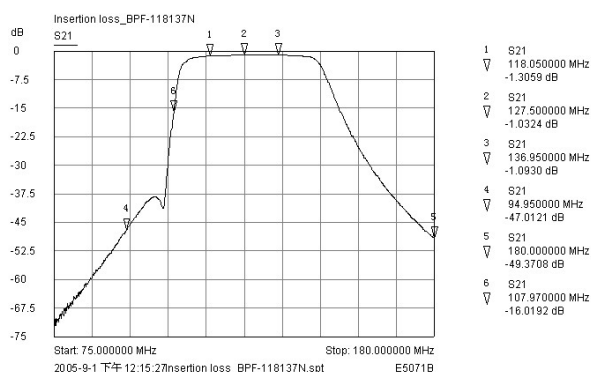
BPF-108137N



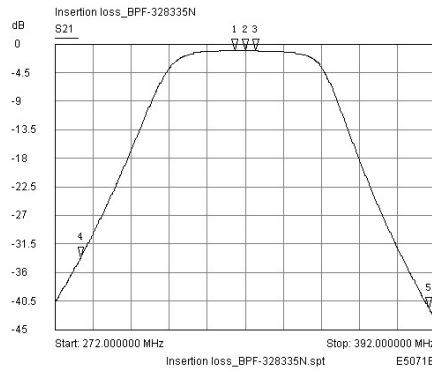
BPF-108112N



BPF-118137N

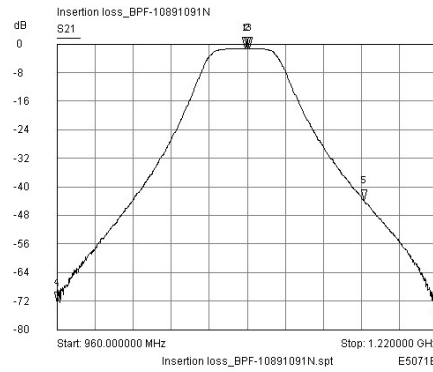


BPF-328335N



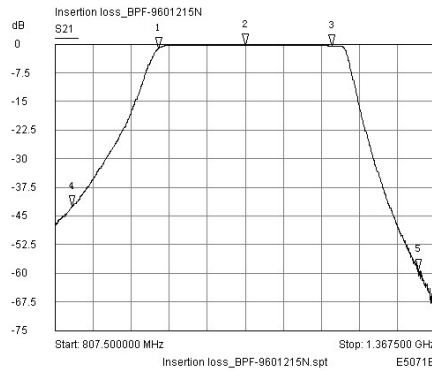
- 1 S21
320.640000 MHz
-1.0990 dB
- 2 S21
322.000000 MHz
-1.1072 dB
- 3 S21
335.360000 MHz
-1.1203 dB
- 4 S21
280.040000 MHz
-33.6772 dB
- 5 S21
389.960000 MHz
-41.7434 dB

BPF-10891091N



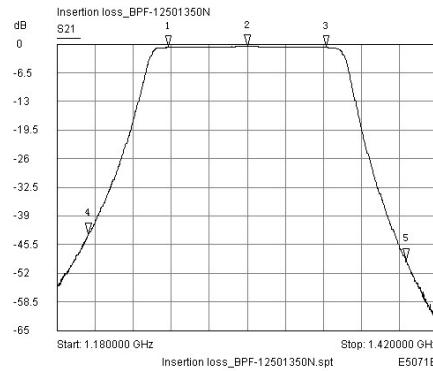
- 1 S21
1.008960 GHz
-1.2525 dB
- 2 S21
1.000000 GHz
-1.2593 dB
- 3 S21
1.091040 GHz
-1.2598 dB
- 4 S21
960.000000 MHz
-72.6958 dB
- 5 S21
1.170080 GHz
-44.0467 dB

BPF-9601215N



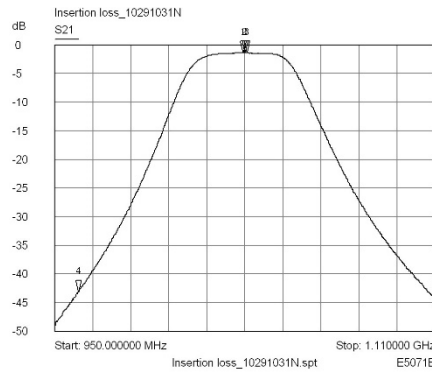
- 1 S21
960.100000 MHz
-1.1371 dB
- 2 S21
1.087500 GHz
-0.2493 dB
- 3 S21
1.214900 GHz
-0.4178 dB
- 4 S21
832.350000 MHz
-42.8095 dB
- 5 S21
1.342650 GHz
-59.1596 dB

BPF-12501350N



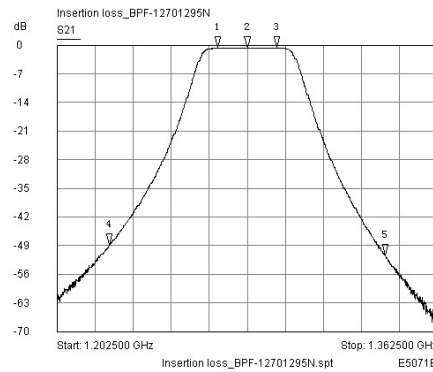
- 1 S21
1.250050 GHz
-0.7320 dB
- 2 S21
1.300000 GHz
-0.4709 dB
- 3 S21
1.349950 GHz
-0.7229 dB
- 4 S21
1.199950 GHz
-43.2033 dB
- 5 S21
1.400050 GHz
-48.8629 dB

BPF-10291031N



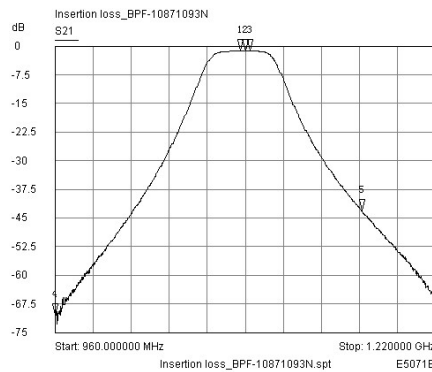
- 1 S21
1.029040 GHz
-1.3811 dB
- 2 S21
1.030000 GHz
-1.3891 dB
- 3 S21
1.030960 GHz
-1.4023 dB
- 4 S21
960.080000 MHz
-43.1081 dB
- 5 S21
1.110000 GHz
-44.3962 dB

BPF-12701295N



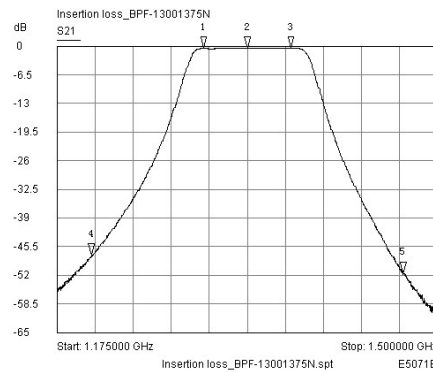
- 1 S21
1.270000 GHz
-0.7746 dB
- 2 S21
1.282500 GHz
-0.6083 dB
- 3 S21
1.295000 GHz
-0.7393 dB
- 4 S21
1.224500 GHz
-49.0238 dB
- 5 S21
1.340500 GHz
-51.4692 dB

BPF-10871093N



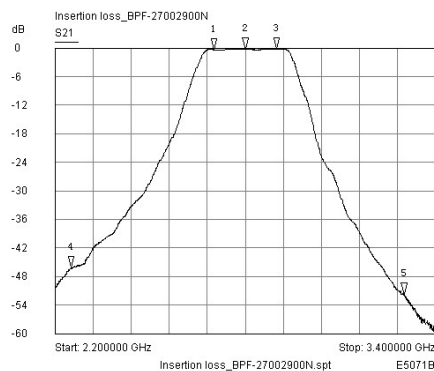
- 1 S21
1.086980 GHz
-1.2566 dB
- 2 S21
1.090000 GHz
-1.2522 dB
- 3 S21
1.093120 GHz
-1.2771 dB
- 4 S21
960.000000 MHz
-70.5412 dB
- 5 S21
1.170080 GHz
-43.3737 dB

BPF-13001375N



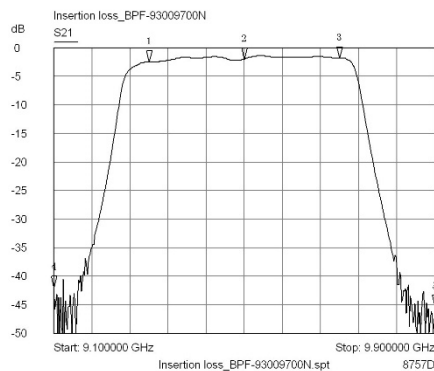
- 1 S21
1.299922 GHz
-0.5093 dB
- 2 S21
1.337500 GHz
-0.4447 dB
- 3 S21
1.375078 GHz
-0.4471 dB
- 4 S21
1.204453 GHz
-47.4829 dB
- 5 S21
1.470547 GHz
-51.5150 dB

BPF-27002900N



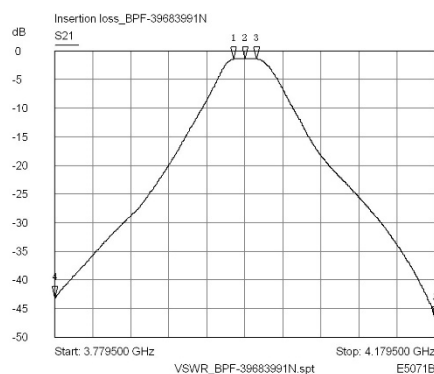
- 1 S21
2.700250 GHz
-0.2212 dB
- 2 S21
2.800000 GHz
-0.2428 dB
- 3 S21
2.999750 GHz
-0.2317 dB
- 4 S21
2.250250 GHz
-46.2266 dB
- 5 S21
3.300250 GHz
-51.8709 dB

BPF-93009700N



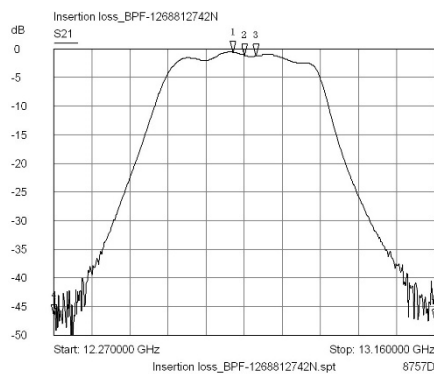
- 1 S21
9.300000 GHz
-2.4970 dB
- 2 S21
9.500000 GHz
-1.9470 dB
- 3 S21
9.700000 GHz
-1.8320 dB
- 4 S21
9.100000 GHz
-42.0050 dB
- 5 S21
9.900000 GHz
-45.3450 dB

BPF-39683991N



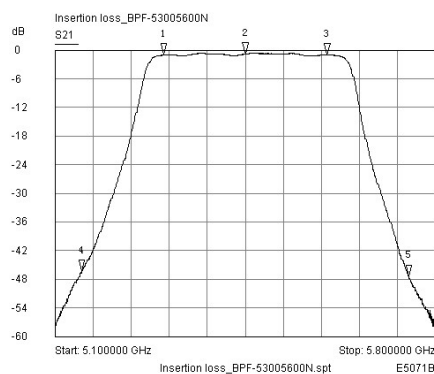
- 1 S21
3.967900 GHz
-1.3786 dB
- 2 S21
3.979500 GHz
-1.2626 dB
- 3 S21
3.991100 GHz
-1.3575 dB
- 4 S21
3.779500 GHz
-43.2262 dB
- 5 S21
4.179500 GHz
-46.6725 dB

BPF-1268812742N



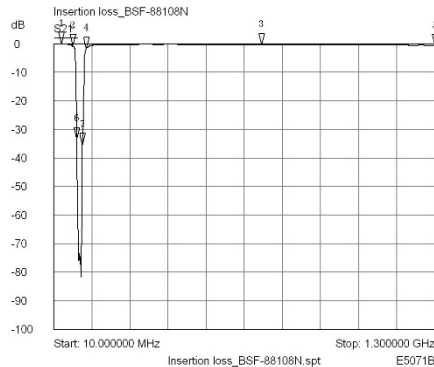
- 1 S21
12.688300 GHz
-0.5850 dB
- 2 S21
12.715000 GHz
-1.1180 dB
- 3 S21
12.741700 GHz
-1.2330 dB
- 4 S21
12.270000 GHz
-46.6910 dB
- 5 S21
13.160000 GHz
-47.5090 dB

BPF-53005600N



- 1 S21
5.299938 GHz
-1.0374 dB
- 2 S21
5.450000 GHz
-0.8121 dB
- 3 S21
5.600063 GHz
-1.0084 dB
- 4 S21
5.149875 GHz
-46.3581 dB
- 5 S21
5.750125 GHz
-47.4992 dB

BSF-88108N



- 1 S21
35.800000 MHz
-0.0787 dB
- 2 S21
74.500000 MHz
-0.7404 dB
- 3 S21
713.050000 MHz
-0.2403 dB
- 4 S21
119.650000 MHz
-1.6894 dB
- 5 S21
1.300000 GHz
-0.5968 dB
- 6 S21
87.400000 MHz
-33.3270 dB
- 7 S21
108.040000 MHz
-35.4587 dB