

# Surface mount Band Pass Filter

# CBP-1320Q+

## Typical Performance Data

FREQ.	INSERTION LOSS	INPUT RETURN LOSS	OUTPUT RETURN LOSS
(MHz)	(dB)	(dB)	(dB)
10	73.58	0.04	0.04
20	91.71	0.03	0.04
50	85.08	0.06	0.03
100	89.96	0.07	0.03
250	87.34	0.00	0.12
500	73.56	0.24	0.37
750	66.22	0.55	0.63
800	64.87	0.62	0.69
900	62.98	0.77	0.79
1000	60.83	0.85	0.86
1140	45.55	0.80	0.87
1170	36.39	0.79	0.90
1180	32.63	0.80	0.92
1200	23.78	0.89	1.10
1220	12.60	1.57	2.11
1240	3.13	9.33	16.36
1260	2.23	11.86	13.27
1280	1.87	16.41	22.23
1300	1.77	18.71	21.78
1320	1.70	27.90	30.25
1340	1.77	20.25	24.21
1360	1.92	17.35	17.75
1380	2.05	36.22	22.90
1400	4.80	5.94	5.86
1420	13.18	2.16	2.01
1440	21.17	1.58	1.43
1460	27.75	1.38	1.24
1480	33.27	1.28	1.14
1490	35.75	1.25	1.11
1500	38.09	1.23	1.09
1550	48.54	1.24	1.05
1600	59.90	1.43	1.14
1650	72.24	1.82	1.48
1700	61.12	2.31	2.36
1750	59.20	2.64	4.34
1800	60.49	2.57	5.77
1850	63.19	2.22	4.13
1900	64.25	1.84	2.82
1950	63.99	1.52	2.19
2000	63.07	1.30	1.89
2500	74.86	1.40	0.70
3000	73.63	0.69	0.24
4000	42.40	0.20	0.13
5000	29.86	0.74	0.85
6000	20.35	4.03	3.79
7000	30.85	5.89	6.73
8000	50.44	1.72	1.08
9000	60.20	0.93	0.56
10000	39.52	1.38	0.95
11000	34.98	1.69	1.38
12000	33.04	1.25	1.11
13000	34.79	0.98	0.70
14000	34.81	1.14	0.65
15000	37.22	3.55	2.35
16000	47.47	3.97	5.91
17000	30.82	2.41	1.65
18000	29.37	2.64	1.89
19000	23.38	4.26	3.68
19500	26.53	6.38	5.93
20000	40.47	18.35	14.62

FREQ.	GROUP DELAY
(MHz)	(ns)
1264	9.83
1266	9.66
1268	9.52
1270	9.39
1272	9.27
1274	9.16
1276	9.05
1278	8.95
1280	8.85
1282	8.76
1284	8.66
1286	8.57
1288	8.49
1290	8.41
1292	8.34
1294	8.27
1296	8.21
1298	8.16
1300	8.11
1302	8.07
1304	8.03
1306	8.00
1308	7.97
1310	7.95
1312	7.94
1314	7.92
1316	7.91
1318	7.90
1320	7.89
1322	7.89
1324	7.89
1326	7.88
1328	7.88
1330	7.89
1332	7.89
1334	7.90
1336	7.91
1338	7.92
1340	7.94
1342	7.96
1344	7.98
1346	8.01
1348	8.04
1350	8.08
1352	8.11
1354	8.16
1356	8.21
1358	8.28
1360	8.35
1362	8.43
1364	8.53
1366	8.65
1368	8.78
1370	8.94
1372	9.13
1374	9.35
1376	9.60
1378	9.87
1380	10.18
1382	10.51



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IF/RF MICROWAVE COMPONENTS

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Page 1 of 1