

Bass Pass Filters

Temwell PN	Fo (MHz)	Bandwidth	Insertion Loss	Attenuation
ST-WF01-435S	435	20M	2.0dB	60db@DC-400M, 60dB@460-800M
ST-WF02-500S	500	600M	8.0dB	50db@DC-50M, 50dB@1500-2500M
ST-WF03-632N	632	14M	1.0dB	70db@ FC+/-25M
ST-WF04-707N	707	20M	1.0dB	70db@ FC-21M/ 70db@ FC+19M
ST-WF05-881S	881	30M	1.5dB	45db@ FC+/-10M
ST-WF06-942S	942	35M	1.5dB	45db@ FC+/-10M
ST-WF07-1200S	1200	20M	1.0dB	50db@DC-1100M, 50dB@1300-3000M
ST-WF08-1810S	1810	40M	1.5dB	20db@DC-1760M, 20dB@1860-4000M
ST-WF09-2225S	2225	30M	2.0dB	40db @ FC+/-50M
ST-WF10-2425S	2425	50M	1.5dB	45db @ FC+/-15M
ST-WF11-2900S	2900	404M	0.5dB	60db@DC-2648M, 60dB@3152-6000M
ST-WF12-5800S	5800	150M	2.2dB	10db @ FC+/-100M/ 20db @ FC+/-125M
ST-WF13-12GS	12200	1000M	2.0dB	60db @ FC+/-950M
ST-WF14-15GS	15000	2700M	1.0dB	40db @ FC+/-2500M
ST-WF15-26GK	26875	5250M	1.0dB	30db@22750M, 30dB@31000M
ST-WF16-28GK	28000	3000M	1.0dB	30db@25000M, 30dB@31000M
ST-WB01-500S	500	600M	8.0dB	50db@DC-50M, 50dB@1500-2500M
ST-WB02-515N	515	970M	2.0dB	40db@DC-22M, 40dB@1400-6000M
ST-WB03-1450S	1450	1900M	1.5dB	40db@DC-400M, 40dB@2900-4000M
ST-WB04-1800S	1800	1000M	2.0dB	25db@DC-1150M, 45dB@2700-4000M
ST-WB05-3000S	3000	1750M	1.0dB	40db@1875M, 40dB@4125M
ST-WB06-5000S	5000	2700M	1.0dB	40db @ FC+/-2500M
ST-WB07-7000S	7000	2700M	1.0dB	40db @ FC+/-2500M
ST-WB08-9000S	9000	2000M	1.0dB	60db@DC-7000M, 60dB@11000-18000M
ST-WB09-11GS	11200	1000M	2.0dB	60db @ FC+/-950M
ST-WB10-12GS	12500	2000M	1.0dB	30db @ FC+/-14000M
ST-WB11-13GS	13000	2700M	1.0dB	40db @ FC+/-2500M
ST-WB12-15GS	15000	2700M	1.0dB	40db @ FC+/-2500M

High Power BPFs

Temwell PN	Fo (MHz)	Bandwidth	Insertion Loss	Attenuation	Power
ST-WP01-632N	632	14M	1.0dB	70db@ FC+/-25M	100W
ST-WP02-692N	692	14M	1.0dB	70db@ FC+/-25M	100W
ST-WP03-707N	707	20M	1.0dB	70db@ FC-21M/ 70db@ FC+19M	100W
ST-WP04-740N	740	26M	1.0dB	70db@ FC+/-24M	100W
ST-WP05-1090SN	1090	20M	0.5dB	40db@1020-1040M	1500W
ST-WP06-1300S	1300	100M	0.5dB	55db@DC-1100M, 50dB@1500-3000M	1000W
ST-WP07-2535N	2535	70M	1.0dB	70db @ FC+/-53M	100W
ST-WP08-2655N	2655	70M	1.5dB	70db @ FC+/-53M	100W

5G BPFs

Temwell PN	Passband	Applications
ST-25.875A587W	Fo:24.25~27.5Ghz	5G-NR n258
ST-28GA586W	Fo:26.5~29.5GHz	5G-NR n257
ST-1792A771W	Fo:1785~1800Mhz	5G-NR n3 UL & n80, LTE Band 3 UL, GSM 1800 UL
ST-27.5-40.5G-L1BW	Fo:27.5~40.5Ghz	5G-NR n258 to n260
ST-897A492W	Fo:880~915Mhz	5G-NR n8 UL & n81, LTE Band 8 UL, E-GSM 1800 UL
ST-867A010W	Fo:862~872Mhz	LoRa 868
ST-862/867-Q7SW	Fo:862-867Mhz	LoRa 868
ST-865A833NW	Fo:863~868Mhz	LoRa 868
ST-868.4A28NW	Fo:866.8~870Mhz	LoRa 868
ST-920/925-Q7S	Fo:920-950Mhz	ISM Band 915
ST-2450A673W	Fo:2400~2500Mhz	ISM Band 2450
ST-2450A592W	Fo:2400~2500Mhz	ISM Band 2450
ST-2450A593W	Fo:2400~2500Mhz	ISM Band 2450
ST-5800A590W	Fo:5725~5875Mhz	ISM Band 5800

5G Notch Filters

Temwell PN	Passband	Applications
ST-710A874-B12W	FC:710M, BW:12M	LTE Band 17 UL
ST-782A875-B10W	FC:782M, BW:10M	LTE Band 13 UL, GSM 750
ST-836.5A876-B2W	FC:836.5M, BW:2M	GSM 850 UL
ST-902.6A877-B2W	FC:902.6M, BW:2M	GSM 900 UL
ST-1747.6A869-B2W	FC:1747.6M, BW:2M	GSM 1800 UL
ST-1840A868-B82W	FC:1840M, BW:82M	GSM 1900 UL
ST-836.5A871-B20W	FC:836.5M, BW:20M	5G-NR n5 UL, LTE Band 5 UL
ST-847A873-B20W	FC:847M, BW:20M	5G-NR n20 UL, LTE Band 20 UL
ST-897.5A872-B20W	FC:897.5M, BW:20M	5G-NR n8 UL, LTE Band 8 UL
ST-1732.5A867-B20W	FC:1732.5M, BW:20M	5G-NR n3 & n4 UL, LTE Band 3 & Band 4 UL
ST-1880A864-B20W	FC:1880M, BW:20M	5G-NR n2, LTE Band 2
ST-1882.5A865-B20W	FC:1882.5M, BW:20M	5G-NR n25 UL, LTE Band 25 UL, GSM 1900 UL
ST-1950A866-B20W	FC:1950M, BW:20M	5G-NR n1 UL, LTE Band 1 UL
ST-2535A870-B20W	FC:2535M, BW:20M	5G-NR n7 UL, LTE Band 7 UL
ST-1890A779-B20W	FC:1890M, BW:20M	DECT

40G UP Selections

P/N	Pass Band Freq	Centre Freq	Bandwidth
ST-41GA734	39.95-42.1 GHz	41.025 GHz	2.15 GHz
ST-43GA855	40-46 GHz	43 GHz	6 GHz
ST-47GB856	44-50 GHz	47 GHz	6 GHz
ST-49GB206	46.7-51.9 GHz	49.3 GHz	5.2 GHz
ST-40GB248	37.45-42.55 GHz	40 GHz	5.1 GHz
ST-50GB371	50.35-51.45 GHz	50.9 GHz	1.1 GHz
ST-49GB372	49.15-50.25 GHz	49.7 GHz	1.1 GHz
ST-48GB373	48.15-49.25 GHz	48.7 GHz	1.1 GHz
ST-47GB374	47.15-48.25 GHz	47.7 GHz	1.1 GHz
ST-44GB497	43.45-45.55 GHz	44.5 GHz	2.1 GHz
ST-40GB748	39.5-41 GHz	40.25 GHz	1.5 GHz
ST-40GB856	37.7-43.5 GHz	40.6 GHz	5.8 GHz
ST-46GB250	44-48 GHz	46 GHz	4 GHz
ST-42GB251	40-44 GHz	42 GHz	4 GHz
ST-40GB490	37-43 GHz	40 GHz	6 GHz
ST-40GB491	37-43 GHz	40 GHz	6 GHz
ST-40GB593	37.7-43.5 GHz	40.6 GHz	5.8 GHz
ST-40GB594	37-43 GHz	40 GHz	6 GHz

Notch Filters



Freq (MHz)	Rejection (dB Max.)	Passband 1 (MHz)	Insertion Loss (dB Min.)
617-652	40	DC-602	1.5
663-698	40	DC-648	1.5
703-784	40	DC-688	1.5
758-803	40	DC-743	1.5
791-821	40	DC-781	3
824-846	45	DC-790	3
824-894	50	DC-790	2
850-960	40	DC-830	2.5
876-960	50	DC-836	2
897-907	40	DC-887	1.5
925-960	40	DC-915	2
930-960	60	DC-910	2.5
995-1005	60	DC-980	2.5
1240-1260	50	DC-1230	2
1447-1467	60	DC-1422	2.5
1565-1585	60	DC-1558	2.5
1710-1785	40	DC-1690	1.5
1742-1752	60	DC-1732	1.5
1805-1850	40	DC-1760	1.5
1850-1910	40	DC-1830	1.5
1865-1895	40	DC-1810	1.5
1880-1920	60	DC-1870	1.5
1890-1910	50	DC-1880	2.5
2010-2025	50	DC-1986	2.5
2110-2170	60	DC-2070	2.5
2225-2375	55	DC-2150	2.5
2300-2320	50	DC-2290	2.5
2320-2370	60	DC-2290	2.5
2360-2380	50	DC-2350	2.5

Freq (MHz)	Rejection (dB Max.)	Passband 1 (MHz)	Insertion Loss (dB Min.)
2380-2400	50	DC-2370	2.5
2490-2510	50	DC-2480	1.5
2500-2570	40	DC-2440	2
2496-2690	40	DC-2481	1.5
2500-2570	40	DC-2470	1.5
2535-2575	45	DC-2520	1.5
2620-2690	40	DC-2590	1.5
3300-3850	40	DC-3270	3
3550-3700	40	DC-3500	1.5
3740-3760	50	DC-3730	2
3800-4200	40	DC-3770	3
4400-5000	40	DC-4370	3
5150-5850	40	DC-5120	3
617-652	80	DC-605	2
663-698	80	DC-651	2
699-716	80	DC-684	2
1427-1432	80	DC-1412	2
1432-1517	80	DC-1407	2
1695-1710	80	DC-1685	2
2110-2200	80	DC-2085	2
2300-2400	80	DC-2273	2
2400-2485	80	DC-2375	2
3300-3800	80	DC-3250	5
3800-4200	80	DC-3750	3
4400-5000	80	DC-4240	5
5150-5250	80	DC-5125	3
5250-5350	80	DC-5225	3
5470-5725	80	DC-5420	3
5725-5850	80	DC-5695	3