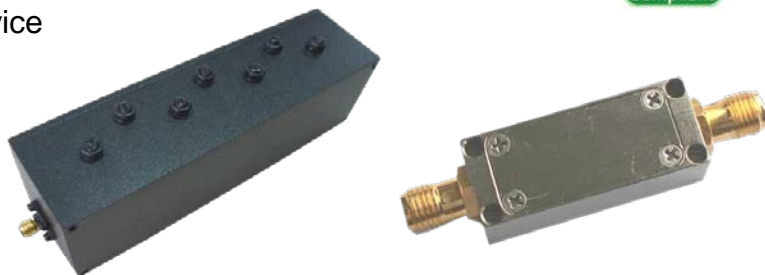


Cavity Filter

- Type: Bandpass, Notch(Band reject/stop), Lowpass, Highpass
- Package: Connector (SMA, N, BNC, 7/16 DIN, K etc), Pin(Needle) as SMD
- Frequency Range: DC-60 GHz, Bespoke Service
- Power up to 200W+
- Impedance: 50 ohm, 75 ohm
- Waterproof (IP66, IP67) and Low PIM option
- ISO:9001 certificated



Bandpass - Sort by Low to High Frequency

Temwell P/N	Center Freq (MHz)	Bandwidth (MHz)	IL dB	VSWR	Stop Band Attenuation	Connector	Power (Watt)
ST-WF01-435S	435	20	2.0	1.3:1	60dB@DC-400M 60dB@460-800M	SMA-Female	20W
ST-WF02-500S	500	600	8.0	1.8:1	50dB@DC-50M 50dB@1500-2500M	SMA-Female	1W
ST-WF03-632N	632	14	1.0	1.3:1	70dB@ FC+/-25M	N-Female	100W
ST-WF04-707N	707	20	1.0	1.3:1	70dB@ FC-21M/ 70dB@ FC+19M	N-Female	100W
ST-WF05-881S	881	30	1.5	1.3:1	45dB@ FC+/-10M	SMA-Female	25W
ST-WF06-942S	942	35	1.5	1.3:1	45dB@ FC+/-10M	SMA-Female	25W
ST-WF07-1200S	1200	20	1.0	1.3:1	50dB@DC-1100M 50dB@1300-3000M	SMA-Female	10W
ST-WF08-1810S	1810	40	1.5	1.3:1	20dB@DC-1760M 20dB@1860-4000M	SMA-Female	10W
ST-WF09-2225S	2225	30	2.0	1.3:1	40dB@ FC+/-50M	SMA-Female	20W
ST-WF10-2425S	2425	50	1.5	1.3:1	45dB@ FC+/-15M	SMA-Female	25W
ST-WF11-2900S	2900	404	0.5	1.3:1	60dB@DC-2648M 60dB@3152-6000M	SMA-Female	5W
ST-WF12-5800S	5800	150	2.2	1.3:1	10dB@ FC+/-100M/ 20dB@ FC+/-125M	SMA-Female	10W
ST-WF13-12GS	12200	1000	2.0	1.22:1	60dB@ FC+/-950M	SMA-Female	5W
ST-WF14-15GS	15000	2700	1.0	1.5:1	40dB@ FC+/-2500M	SMA-Female	2W
ST-WF15-26GK	26875	5250	1.0	1.5:1	30dB@22750M 30dB@31000M	K-Female	5W
ST-WF16-28GK	28000	3000	1.0	1.44:1	30dB@25000M 30dB@31000M	K-Female	10W

Bandpass - Sort by High Power

Temwell P/N	Center Freq (MHz)	Bandwidth (MHz)	IL dB	VSWR	Stop Band Attenuation	Connector	Power (Watt)
ST-WP01-632N	632	14	1.0	1.3:1	70dB@ FC+/-25M	N-Female	100W
ST-WP02-692N	692	14	1.0	1.3:1	70dB@ FC+/-25M	N-Female	100W
ST-WP03-707N	707	20	1.0	1.3:1	70dB@ FC-21M 70dB @ FC+19M	N-Female	100W
ST-WP04-740N	740	26	1.0	1.3:1	70dB@ FC+/-24M	N-Female	100W
ST-WP05-1090SN	1090	20	0.5	1.3:1	40dB@ 1020-1040M	SMA-f / N-m	20-1500W
ST-WP06-1300S	1300	100	0.5	1.3:1	55dB@ DC-1100M	SMA-Female	100-1000W
ST-WP07-2535N	2535	70	1.0	1.3:1	70dB@ FC+/-53M	N-Female	100W
ST-WP08-2655N	2655	70	1.5	1.3:1	70dB@ FC+/-53M	N-Female	100W

Bandpass - Sort by Broadband Bandwidth

Temwell P/N	Center Freq (MHz)	Bandwidth (MHz)	IL dB	VSWR	Stop Band Attenuation	Connector	Power (Watt)
ST-WB01-500S	500	600	8.0	1.8:1	50dB@DC-50M 50dB@1500-2500M	SMA-Female	1W
ST-WB02-515N	515	970	2.0	2.0:1	40dB@DC-22M 40dB@1400-6000M	N-Female/ N-male	1W
ST-WB03-1450S	1450	1900	1.5	1.7:1	40dB@DC-400M 40dB@2900-4000M	SMA-Female	1W
ST-WB04-1800S	1800	1000	2.0	1.7:1	25dB@DC-1150M 45dB@2700-4000M	SMA-Female	1W
ST-WB05-3000S	3000	1750	1.0	1.5:1	40dB@1875M 40dB@4125M	SMA-Female/ SMA-male	2W
ST-WB06-5000S	5000	2700	1.0	1.5:1	40dB@ FC+/-2500M	SMA-Female	2W
ST-WB07-7000S	7000	2700	1.0	1.5:1	40dB@ FC+/-2500M	SMA-Female	2W
ST-WB08-9000S	9000	2000	1.0	1.5:1	60dB@DC-7000M 60dB@11000-18000M	SMA-Female	2W
ST-WB09-11GS	11200	1000	2.0	1.23:1	60dB@ FC+/-950M	SMA-Female	5W
ST-WB10-12GS	12500	2000	1.0	1.3:1	30dB@ FC+/-14000M	SMA-Female/ SMA-male	5W
ST-WB11-13GS	13000	2700	1.0	1.5:1	40dB@ FC+/-2500M	SMA-Female	2W
ST-WB12-15GS	15000	2700	1.0	1.5:1	40dB@ FC+/-2500M	SMA-Female	2W
ST-WB13-21GS	21000	1500	2.0	1.3:1	60dB@ FC+/-1500M	SMA-Female	5W
ST-WB14-25GK	25875	3250	1.0	1.44:1	30dB@22750M 30dB@29000M	K-Female	10W
ST-WB15-26GK	26875	5250	1.0	1.5:1	30dB@22750M 30dB@31000M	K-Female	5W
ST-WB16-28GK	28000	3000	1.0	1.44:1	30dB@25000M 30dB@31000M	K-Female	10W



Bandpass - Sort by 5G / Telecommunication application

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

Notch (Band Reject/Band Stop) - Sort by 5G / Telecommunication application

Temwell P/N	Center Freq (FC) Bandwidth (BW)	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-836.5A871-B20W	FC:836.5M, BW:20M	5G-NR n5 UL, LTE Band 5 UL
ST-836.5A876-B2W	FC:836.5M, BW:2M	GSM 850 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-902.6A877-B2W	FC:902.6M, BW:2M	GSM 900 UL
ST-1732.5A867-B20W	FC:1732.5M, BW:20M	5G-NR n3 & n4 UL, LTE Band 3 & Band 4 UL
ST-1747.6A869-B2W	FC:1747.6M, BW:2M	GSM 1800 UL
ST-1840A868-B82W	FC:1840M, BW:82M	GSM 1900 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-1890A779-B20W	FC:1890M, BW:20M	DECT
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