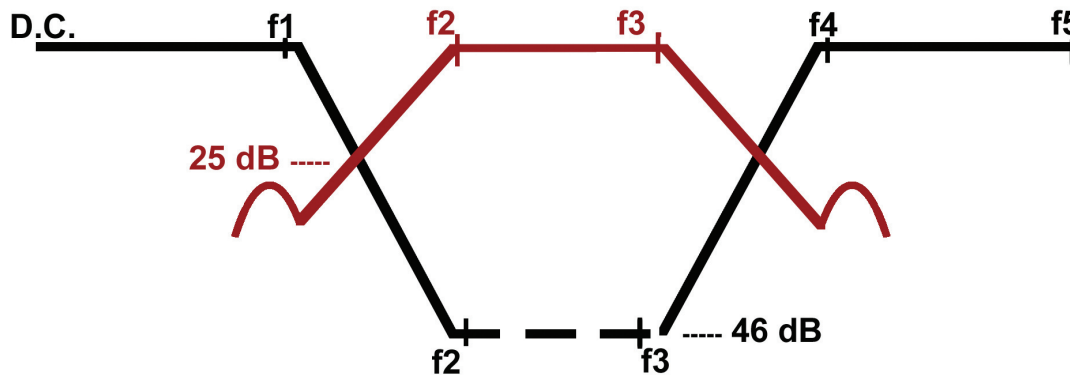


Low PIM, Low-Power Filter Solutions for Monitoring Broadband Emissions



◆ Features:

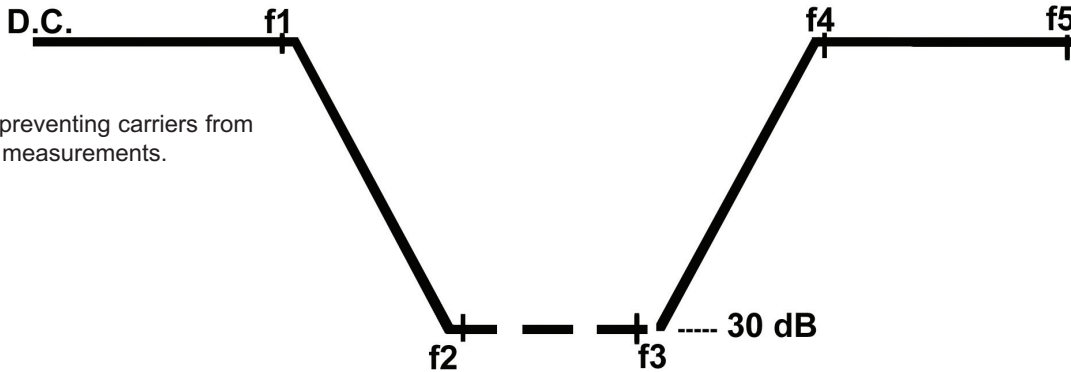
- Compact Design Allows Rack Mounting of Several Bands
- Suitable for Monitoring Emissions from Semiconductors, TX/RX Chipsets, SAW/BAW Filters, Cell Phones, Printers, PDAs, etc.



◆ Bandpass / Bandstop Filters

P/N	Bandpass			Bandstop	
	Passband (f2 - f3)	Lower Stopband @ 25 dB min. (f1)	Upper Stopband @ 25 dB min. (f4 - f5)	Lower Passband (f1)	Upper Passband (f4 - f5)
WSD-00546	1710 - 1755 MHz	DC - 1690 MHz	1775 - 3000 MHz	DC - 1690 MHz	1775 - 3000 MHz
WSD-00571	2500 - 2570 MHz	DC - 2480 MHz	2640 - 3000 MHz	DC - 2480 MHz	2640 - 3000 MHz
WSD-00627	777 - 787 MHz	DC - 757 MHz	807 - 1500 MHz	DC - 757 MHz	807 - 1500 MHz
WSD-00628	704 - 716 MHz	DC - 684 MHz	736 - 1500 MHz	DC - 684 MHz	736 - 1500 MHz
WSD-00630	2570 - 2620 MHz	DC - 2550 MHz	2640 - 3000 MHz	DC - 2550 MHz	2640 - 3000 MHz
WSD-00631	2300 - 2400 MHz	DC - 2280 MHz	2420 - 3000 MHz	DC - 2280 MHz	2420 - 3000 MHz
WSD-00639	824 - 849 MHz	DC - 804 MHz	869 - 1500 MHz	DC - 804 MHz	869 - 1500 MHz
WSD-00640	1850 - 1910 MHz	DC - 1830 MHz	1930 - 3000 MHz	DC - 1830 MHz	1930 - 3000 MHz
	Bandpass: PB IL: 3 dB PB VSWR: 1.4:1 PIM in RX Band: -100 dBC for 2 +/- 33 dBm tones			Bandstop: PB IL: 3 dB BP VSWR: 1.8:1 Bandstop Rejection (f2 - f3): 46 dB min.	

Low PIM, Low-Power Filter Solutions for Monitoring Broadband Emissions



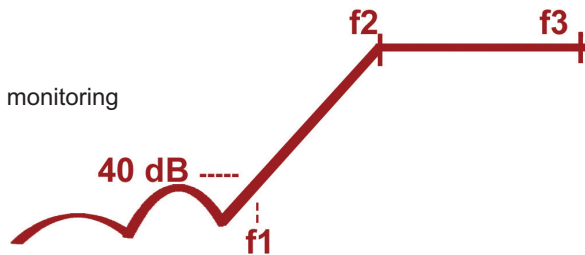
* Suitable for preventing carriers from entering RX measurements.

◆ Notch Filters

P/N	Lower PB (f1)	Upper PB (f4 - f5)	PB IL	PB VSWR	Stopband (f2 - f3)	SB Rejection
CAV-03018	DC - 2095 MHz	2185 - 4000 MHz	1 dB	1.7:1	2110 - 2170 MHz	30 dB
CAV-03019	DC - 2605 MHz	2705 - 4000 MHz	1 dB	1.7:1	2620 - 2690 MHz	30 dB
CAV-03020	DC - 2555 MHz	2635 - 4000 MHz	1 dB	1.7:1	2570 - 2620 MHz	30 dB
CAV-03021	DC - 2285 MHz	2415 - 4000 MHz	1 dB	1.7:1	2300 - 2400 MHz	30 dB
CAV-03022	DC - 1915 MHz	2005 - 4000 MHz	1 dB	1.7:1	1930 - 1990 MHz	30 dB
CAV-03023	DC - 731 MHz	771 - 1650 MHz	1 dB	1.7:1	746 - 756 MHz	30 dB
CAV-03024	DC - 719 MHz	761 - 1650 MHz	1 dB	1.7:1	734 - 746 MHz	30 dB
CAV-03025	DC - 854 MHz	909 - 1650 MHz	1 dB	1.7:1	869 - 894 MHz	30 dB
CAV-03026*	DC - 910 MHz	975 - 1650 MHz	1 dB	1.7:1	925 - 960 MHz	30 dB

* 25 MHz transition vs 15

* Suitable for broadband emission monitoring while rejecting the carriers.



◆ Highpass Filters

P/N	Passband (f2 - f3)	Insertion Loss	VSWR	Stopband @ 40 dB (f1)
SS-00235	3300 - 13000 MHz	0.5 dB	1.7:1	DC - 2700 MHz
IB-01553	1450 - 4000 MHz	1 dB	1.5:1	DC - 1132 MHz