

SAW VSB FILTERS

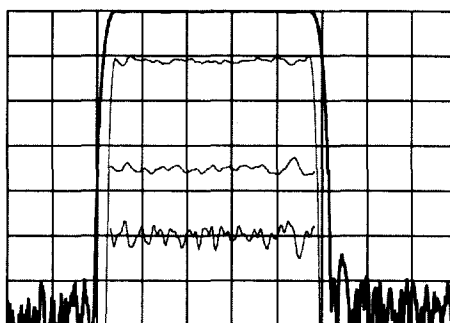
Micro Networks professional SAW vestigial sideband filters are designed to be used for television signal IF filtering in broadcast and CATV systems. Models may be chosen to provide either high suppression of the sound signal, or to pass the sound signal without additional attenuation. The excellent linear phase characteristics and low group delay ripple of these SAW filters means that the 2T and 20T pulse performance is superior. Micro Networks SAW VSB filters are used world-wide to provide superior in-band performance, while maintaining very high adjacent channel rejection.

Key Features:

- Exceptionally Low Amplitude & Group Delay Ripple
- Worldwide Broadcast Standards Supported
- Available at Standard Video IF Frequencies
- DIP Packaging

SF0036BA01000T

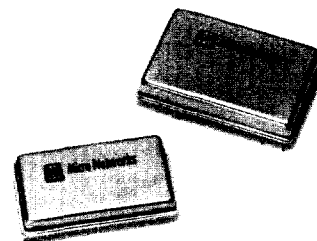
Typical Response



Frequency: 1.5MHz/div.

Applications:

- CATV Headend Modulators/Combiners
- Television Transmitters/LPTV
- HDTV IF Processing
- Satellite and Terrestrial Distribution
- Broadcast/CATV Systems
- Adjacent Channel Suppression



VSB, CABLE TV, AND BROADCAST SAW FILTERS

Part Number	Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB)	F_visual (MHz)	F_colour (MHz)	F_sound (MHz)	Sound Pass	Package (mm)	Primary Application
SF0036BA01033T or 077910-565	36.83	5.82	30	38.9	34.5	33.4	No	DIP-G, 35 x 20	VSB-G
SF0036BA01072T or 077910-566	36.33	6.8	32	38.9	34.5	33.4	Yes	DIP-G, 35 x 20	VSB-G
SF0036BA00628T or 077910-523	36.23	7.96	32	38.9	32.9	32.4	No	DIP-G, 35 x 20	VSB-L
SF0036BA01000T or 077910-556	35.35	6.97	32	38.9	32.9	32.4	Yes	DIP-G, 35 x 20	VSB-L
SF0036BA00642T or 077910-557	35.67	7.58	32	38.9	32.9	32.4	Yes	DIP-G, 35 x 20	VSB-L
SF0036BA01382T or 072135-502	43.68	5.65	25	45.75	42.17	41.25	Yes	DIP-B, 38 x 25	VSB-M
SF0044BA01470T or 072135-805	43.85	5.29	29	45.75	42.17	41.25	Yes	DIP-B, 38 x 25	VSB-M
SF0044BA01800T or 072135-810	44.05	5	30	45.75	42.17	41.25	No	DIP-B, 38 x 25	VSB-M
077910-559	44.25	6.4	26	45.75	42.17	41.25	Yes	DIP-G, 35 x 20	VSB-M
SF0044BA00619T or 079890-501	43.75	5.74	25	45.75	42.17	41.25	Yes	DIP-O, 22 x 13	VSB-M
077890-502	43.95	5.15	23	45.75	42.17	41.25	No	DIP-O, 22 x 13	VSB-M
SF0044BA01954T	44.1	10	30	-	-	-	-	DIP-B, 38 x 25	CATV
SF0044BA01957T	43.8	5.5	25	45.75	42.17	41.25	Yes	DIP-O, 22 x 13	CATV
SF0035BA01847T	35.375	6.85	30	32.7	36.7	39.2	No	DIP-B, 38 x 25	VSB-D/K
SF0036BA01866T	36.75	5.75	30	38.9	33.4	32.9	No	DIP-B, 38 x 25	VSB-1
SF0036BA01867T	36.75	5.75	32	38.9	34.5	33.4	No	DIP-B, 38 x 25	VSB-B/G
SF0044BA01860T	43.85	5.35	30	45.75	42.17	41.25	Yes	DIP-B, 38 x 25	VSB-M