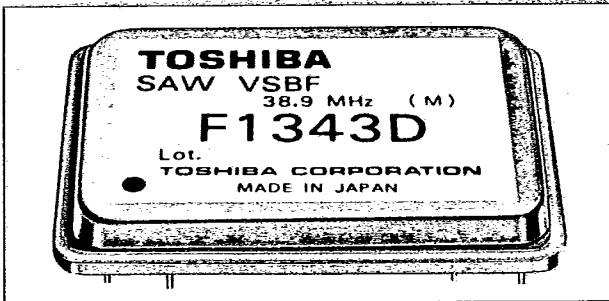


SAW Devices for TV Broadcasting Equipment

SAW Vestigial Sideband Filter

SAW Vestigial Sideband Filter



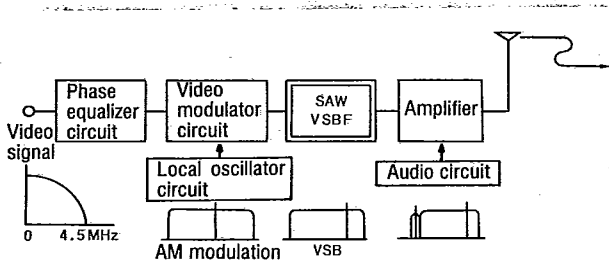
This is used in a simulated signal generator for TV broadcasting equipment or for its measuring instruments. Previously, it was consisted with LC filters and phase equalizer circuits. The use of this SAW-VSB filter makes the circuit adjustment-free and very small.

Applications

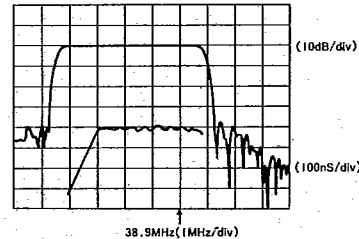
TV broadcasting equipment, TV measuring instruments and CATV systems.

Features

- (1) Adjustment-free
- (2) Small and lightweight
- (3) High reliability and reproducibility



Frequency Characteristics (F1343D)



Type	System	Group delay	Frequency (MHz)	Bandwidth (MHz)	Deviation within bandwidth (dB)	Deviation in group delay (ns)	Insertion loss (dB) 50Ω Typ.	Dimensional outline
F1341	D	Flat	38.9	7	0.4	60	35	D-3
F1341D	D	Flat	38.9	7	0.5	60	35	D-3
F1342B	B&G	Flat	38.9	6	0.4	60	35	D-3
F1342D	B&G	Flat	38.9	6	0.4	60	35	D-3
F1343B	M	Flat	38.9	5	0.4	60	35	D-3
F1343D	M	Flat	38.9	5	0.4	60	34	D-3
F1344B	I	Flat	38.9	6.5	0.5	60	36	D-3
F1344D	I	Flat	38.9	6.5	0.5	60	36	D-3
F1345	M	Flat	17.75	5	0.4	60	27	D-1
F1348B	L	Flat	38.9	7.5	0.5	60	36	D-3
F1348C	L	Flat	38.9	7.0	0.8	60	36	D-3
F1349B	M	Flat	45.75	5	0.5	60	32	D-3
F1349D	M	Flat	45.75	5	0.4	60	34	D-3
F1350B	D	Flat	37	7	0.5	60	36	D-3
F1351B	D	Flat	38	7	0.5	60	36	D-3

SAW Delay Line

SAW Delay Line

This is used to compensate the video signal delay time of TV translators. The use of this SAW delay line makes the equipment small and adjustment-free.

Type	Characteristics	Frequency (MHz)	Bandwidth (3dB) (MHz)	Delay time (μs)	Group delay (ns)	Insertion loss (dB)	Dimensional outline
SDL0206B		19.5	6.0	8.5	±50	35	D-1