



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

160 MHz Saw Filter

Part Number: AM160S392



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	159.85	160.00	160.15
Insertion Loss at Fo	dB	-	23.50	25.0
Group Delay Variation	nsec	-	70	120
Absolute Delay at Fo	usec	-	2.75	-
Passband Ripple Variation	dB	-	0.70	1.00
Bandwidth at 3.0 dB	MHz	9.40	9.50	-
Bandwidth at 40.0 dB	MHz	-	10.85	11.00
Ultimate Rejection	dB	50	55	-
Substrate Material	112 LiTaO ₃			

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (Single Ended)₁	Ω	-	50	-
Load Impedance (Single Ended)₁	Ω	-	50	-



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Frequency Response:

