

TABLE 7.2 COMPARISON OF COMMONLY USED WINDOWS

Type of Window	Peak Side-Lobe Amplitude (Relative)	Approximate Width of Main Lobe	Peak Approximation Error, $20 \log_{10} \delta$ (dB)	Equivalent Kaiser Window, β	Transition Width of Equivalent Kaiser Window
Rectangular	-13	$4\pi / (M + 1)$	-21	0	$1.81\pi / M$
Bartlett	-25	$8\pi / M$	-25	1.33	$2.37\pi / M$
Hann	-31	$8\pi / M$	-44	3.86	$5.01\pi / M$
Hamming	-41	$8\pi / M$	-53	4.86	$6.27\pi / M$
Blackman	-57	$12\pi / M$	-74	7.04	$9.19\pi / M$