



QUANTUM TECHNOLOGY, INC.

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Model 3200A
1-200 MHz DRIVER
DATA SHEET 748

MODEL 3200A

The electro-optical modulator driver **MODEL 3200A** is a high bandwidth amplifier designed to drive phase modulators produced by Quantum Technology, who manufactures wide range of complete E-O systems.

SPECIFICATIONS

BANDWIDTH (BW):	1 MHz to 200 MHz (-3dB)
AVERAGE GAIN:	50 dB \pm 1.5 dB
RISE & FALL TIMES (10% to 90% points):	1.8 nsec
LOW END GAIN:	>50 dB \pm 1.5 dB (Typical)
MODULATION:	To 100% @ 514 nm
GAIN FLATNESS:	\pm 1.5 dBm
Cable Length (Driver to modulator)	6 ft/180 cm
MAXIMUM POWER RATING:	> 50W @ 10 dB drive
HARMONIC DISTORTION:	> - 23 dB @ 50W
AC power:	100/230 Vrms, 50/60Hz

NOTE: For phase modulation, therefore, no bias voltage (\pm 250 vdc) is included in the system. For bias voltage, please order **MODEL 3200.**

Recommended QUANTUM TECHNOLOGY Modulator: MODEL #27P

The Quantum Technology drivers are well suited for electro-optic modulation requiring high accuracy and performance. The MODEL 3200A has been designed for wide bandwidth especially suited for operation with phase type modulators. For many years Quantum Technology has produced electro-optic drivers, assuring you of the highest workmanship and design. Please call Quantum Technology with any questions about E-O systems; we have the answers.