

PEARSON™  
CURRENT  
MONITOR  
MODEL 6656

Sensitivity	1 Volt/Ampere ±1%
Output resistance	50 Ohms
Maximum peak current	500 Amperes
Maximum rms current	10 Amperes
Droop rate	0.14 %/microsecond
Useable rise time	3.5 nanoseconds typical
Current time product	0.01 Amp-second max
Low frequency 3 dB point	200 Hz (approximate)
High frequency response	70 MHz ±1 dB 110 MHz ±3 dB
I/f figure	0.04 peak Amperes/Hz
I²t per pulse	30 A²s maximum
Output connector	BNC
Operating temperature	0 to 65 °C

\* Maximum current-time product can be obtained by using core-reset bias as described in the *Application Notes*. 0.002 Ampere-second is typical without bias.

© 2006 Pearson Electronics, Inc. 6656.wpd 061117

