

# PEARSON™ CURRENT MONITOR MODEL 6656

Sensitivity	1 Volt/Ampere $\pm 1\%$
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 $\pm 1$ dB 110 MHz $\pm 3$ dB
I/f figure	0.04 peak Amperes/Hz
I <sup>2</sup> t per pulse	30 A <sup>2</sup> s 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.

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