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.