PEARSON™
CURRENT
MONITOR
MODEL 1010

Sensitivity 0.1 Volt/Ampere +1/-0%
Output resistance 50 Ohm
Maximum peak current 5,000 Amperes
Maximum rms current 120 Amperes
Droop rate 0.25 %/microsecond
Useable rise time 50 nanoseconds
Current time product 0.7 Ampere-second*
Low frequency 3dB cut-off 400 Hz (approximate)
High frequency 3dB cut-off 7 MHz (approximate)
I/f figure 4.4 peak Amperes/Hz
Output connector UHF (SO-239)
Shielding Double
Operating temperature 0 to 65 °C
Weight 12.5 pounds

* Maximum current-time product can be obtained by using core-reset bias as described in the Application Notes.

0.25 Ampere-second is typical without bias.