PEARSON™
CURRENT
MONITOR
MODEL 6585

Sensitivity 1 V/A ±1%
0.5 V/A into 50 Ω
Output resistance 50 Ω
Maximum peak current 500 A
Maximum rms current 10 A
Droop rate 0.3 %/μs
Useable rise time 1.5 ns
Maximum I•t 0.002 A s with bias
Low frequency 3 dB cut-off 400 Hz
High frequency ±3 dB 250 MHz (approximate)
Maximum I^t / pulse 5 A² s
Output connector BNC (UG-290A/U)
Operating temperature 0 to 65 °C
Weight 0.68 kg

* Maximum current-time product can be obtained by using core-reset bias as described in the Application Notes. 0.0005 Ampere-second is typical without bias.