PEARSON™ CURRENT MONITOR MODEL 6027

Sensitivity 1 Volt/Ampere +1/-0%
Output resistance 50 Ohms
Maximum peak current 100 Amperes
Maximum rms current 2.5 Amperes
Droop rate 0.2 %/microsecond
Useable rise time 2 nanoseconds
Current time product 0.4 milliamp-sec. maximum*
Low frequency 3dB point 300 Hz (approximate)
High frequency 3dB point 200 MHz (approximate)
I/f figure 0.0025 peak Amperes/Hz
Connectors BNC
Operating Temperature 0 to 65 °C

Current may be measured in a coaxial cable system by installing this monitor between one section of cable and another cable or component.

* Maximum current-time product can be obtained by using core-reset bias as described in the Application Notes. 0.14 milliAmpere-second is typical without bias.