

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
Drop 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)
l/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.

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