

# PEARSON™ CURRENT MONITOR MODEL 5642

Sensitivity	0.1 Volt/Ampere $\pm 1\%$
Output resistance	0.05 V/A into 50 $\Omega$ 50 Ohms
Maximum peak current	500 Amperes
Maximum rms current	10 Amperes
Drop rate	10 %/microsecond
Useable rise time	5 nanoseconds
Current time product	0.002 Ampere-second
Low frequency 3dB cut-off	6 kHz
High frequency $\pm 2$ dB	80 MHz
Maximum $I^2t$	0.12 Ampere <sup>2</sup> -second
Output connector	BNC (UG-290A/U)
Operating temperature	0 to 65 °C
Weight	24 ounces

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