

# PEARSON™ CURRENT MONITOR MODEL 5974

Sensitivity	0.1 Volt/Ampere +1/-0%
Output resistance	50 Ohms
Maximum peak current	5,000 Amperes
Maximum rms current	50 Amperes
Drop rate	1 %/millisecond
Useable rise time	20 nanoseconds
Current time product	0.15 Ampere-second max*
Low frequency 3dB point	2 Hz (approximate)
High frequency 3dB point	20 MHz (approximate)
I/f figure	0.6 peak Amperes/Hz
Output connector	SMA
Operating temperature	0 to 65 °C
Weight	5 ounces

\* Maximum current-time product can be obtained by using core-reset bias as described in the *Application Notes*. 0.05 Ampere-second is typical without bias.

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