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TECHNOLOGY GROUP

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Expert team | Trust guarantee | 100% satisfaction

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Find the *Colby Instruments HPDL-1A* at our website: *Click HERE*



OVERVIEW
PDL-1A
PDL-10A
PDL-30A
PDL-100A
PDL-100A-OEM
PDL-200A
CPDL-100A
HPDL-1A
MT-1A
MT-100A
PDM-100A
PG-1000A
SPECIFICATIONS

Delays are created with a low-loss microwave clad material with RF relays attached directly to the printed circuit (PC) board. The HPDL-1A offers excellent performance from DC to 600 MHz at maximum delay, and is usable to 1000 MHz. The minimum resolution is fixed at 10 ps, and Maximum Delay Range is 10.23 ns. The unit comes with Manual Control on the Front Panel of the instrument, GPIB (IEEE488.2), and RS232 Interfaces standard.



Insertion/Return Loss Report for HPDL-1A (944 KB)
Adobe Acrobat Reader required

HPDL-1A Specifications

Minimum Step Size:	10 ps
Maximum Delay Range:	10.23 ns
Minimum Phase Shift Resolution:	0.36 deg. per 100 MHz
Maximum Phase Shift:	368.28 deg. per 100 MHz
Delay at 0 ns Setting:	4.40 ns
Typical Absolute Accuracy:	± 1%, ± 3 ps for each binary step
Analog Bandwidth (-3 dB), typical:	
for total delay below 2.5 ns	DC to 1000 MHz
for total delay above 2.5 ns	DC to 600 MHz
Data Rate (NRZ), typical:	
for total delay below 2.5 ns	DC to 2.0 Gb/s
for total delay above 2.5 ns	DC to 1.2 Gb/s
Rated Lifetime at 20 mA DC:	200,000 Operations
Maximum Settling Time:	50 ms
Line Voltage:	85-102 V, or 110-122 V, or 215-245 V, 50/60 Hz. Please specify.
Power Requirement:	30 VA
Recommended Operating Temperature:	10° C to 30° C.
Physical Dimensions:	13 3/8" Long x 12 7/8" Wide x 5 1/4" High.
Physical Weight:	9.7 lbs.
19" Rackmount Kit RMO:	Optional

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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