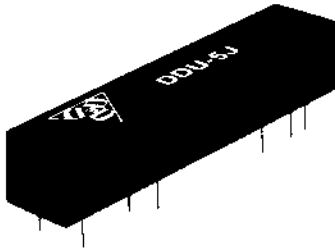


Digital Delay Units

SERIES: DDU-5J

**10 Taps (32 pins DIP)
T²L Interfaced**

**data
delay
devices, inc.**



Features:

- Completely interfaced for TTL and DTL applications.
- No external components required.
- 10 Taps equally spaced.
- P. C. board space economy achieved.

Specifications:

- **Delay tolerance:** $\pm 5\%$ or better, or 2 ns whichever is greater.
- **Rise-time:** 2 ns typically.
- **Temperature coefficient:** 100 PPM/ $^{\circ}\text{C}$.
- **Temperature range:** -0°C to 70°C standard.
(-55°C to $+125^{\circ}\text{C}$ on request)*
- **Supply voltage:** 5 Vdc $\pm 5\%$.
- **Power dissipation:** 780 mw max.
- **DC Parameters:** See Fast-TTL Schottky Logic Table on Page 6.

*Add "M" after Part No. Example DDU-5J-1010M

** .320 Max. for "M" Units

Part No.	Total Delay (ns)	Delay Per Tap (ns)
DDU-5J-10050	50	5
DDU-5J-10100	100	10
DDU-5J-10150	150	15
DDU-5J-10200	200	20
DDU-5J-10250	250	25
DDU-5J-10300	300	30
DDU-5J-10400	400	40
DDU-5J-10500	500	50
DDU-5J-101000	1000	100
DDU-5J-101500	1500	150
DDU-5J-102000	2000	200

