

# BJ-1681 and BJ-1682 Data Bridges

The data bridge combines multiple branches of serial data. They are available in desktop or bay mount versions, and have connectors for expanding the number of ports.

## Features:

- 19" flush rack mount or 23" with optional BJ-2005 adapters
- Expandable through daisy chain connectors
- Transparent protocol or pulse length
- LED indicators for send and receive
- Full or half-duplex operation
- RS-232 interfaces in and out
- User selectable return copy
- AC or DC powered



BJ-1681 top on, front view



BJ-1681 top off, rear view

## Specifications

### BJ-1681

<b>Dimensions:</b>	1.75" H x 17" W x 5.5" D
<b>Construction:</b>	Steel
<b>Weight:</b>	4 lbs.

### BJ-1682

<b>Dimensions:</b>	3.5" H x 17" W x 5.5" D
<b>Construction:</b>	Steel
<b>Weight:</b>	10 lbs.

## Ordering Information

Part No.	Port	Access	Additional Information
BJ-1681A-001	6 Port	1 Male/5 Female DB-25	AC Power
BJ-1681D-002	6 Port	1 Male/5 Female DB-25	DC Power
BJ-1682A-001	12 Port	1 Male/11 Female DB-25	AC Power
BJ-1682D-002	12 Port	1 Male/11 Female DB-2	DC Power

## Notes:

### All Units

**Data speed:** up to 56 kbps

**Input impedance:**  $\geq 3000$  ohms per channel

**Input signal level:** mark  $\geq +0.6V$  DC

**Output:** 3000 ohms at  $\pm 12V$  DC

**AC power:** 24V AC, CT at 1 amp

**DC power:** 22V to 52V DC