

DESCRIPTION

ICS's 4801 IEEE-488 Bus Strip™ is a distribution panel of GPIB/HP-IB system cables. The 4801 provides eight parallel IEEE-488 bus connectors on an easily mounted bus strip. The 4801 is fully compatible with the IEEE-488.1 Standard, and HP-IB specifications. The 4801's low capacitance signal distribution pathways do not degrade the performance of the highest speed bus systems.

Eliminates Connector Damage

The 4801 eliminates the necessity to piggyback heavy GPIB bus cables on instrument rear panels. Piggybacking multiple cables on one connector create a long moment arm which puts a large mechanical stress on the connector. This stress can bend the connector and pull open solder joints which eventually causes intermittent signals.

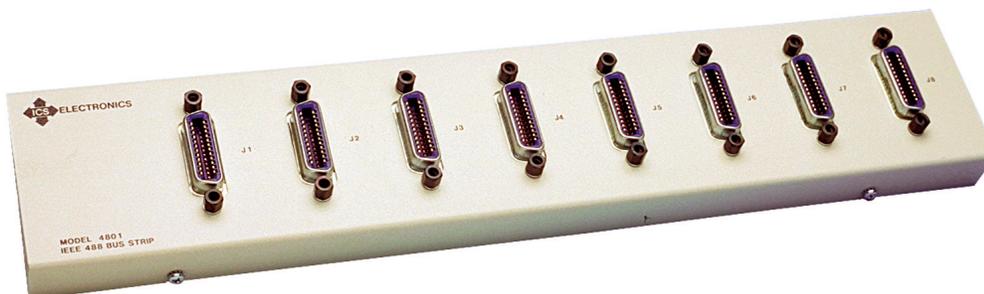
System Advantages

In rack mounted systems, the 4801 provides a central location for interconnecting GPIB bus cables. This reduces the number of cables connected to each instrument and minimizes the size of the cable bundle on the cable retractors. Depending upon the existing system cabling arrangement, adding a 4801 Bus Strip™ may reduce system cable lengths and improve system performance. The 4801 also brings order to the jumbled cable interconnections found in many large test systems. Using the 4801 makes it easy to document the system cabling and ensure repeated builds with the same system wiring.

Two Mounting Styles

The 4801 is a flat metal cased strip with brackets for mounting on a benchtop or across the rear rails of an equipment rack.

- Eliminates GPIB cable piggybacking
Reduces stress on instrument panels and broken circuit traces.
- Provides improved cabling and system documentation.
No more random cabling and better system documentation.
- Provides easy access for bench top systems.
Speeds instrument setup especially in frequently changed test systems.
- Adds less than 0.5 meters of cable capacitance to the system.
Minimal extra system capacitance.
- Rugged metal construction provides EMI/RFI shielding.
Durable, long life case.
- Includes brackets for rack and table mounting.
Versatile mounting.



4801 Bus Strip™



7034 Commerce Circle
Pleasanton, CA 94588
Phone: 925.416.1000
Fax: 925.416.0105
Web: www.icselect.com

SPECIFICATIONS

Size, L x W x H

16.52 x 3.29 x 1.3 inches
(41.96 x 8.36 x 3.30 cm)

Connectors:

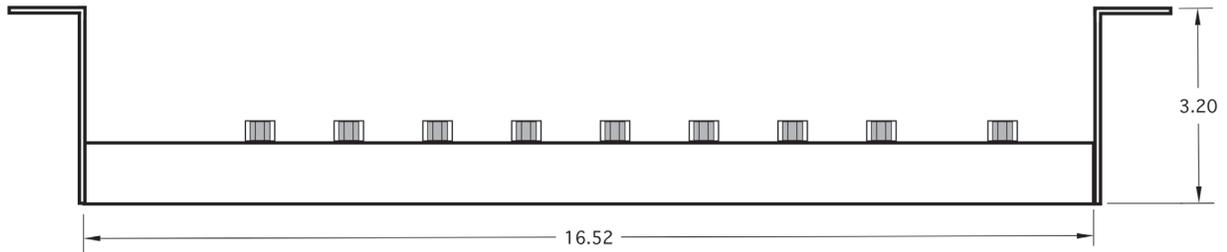
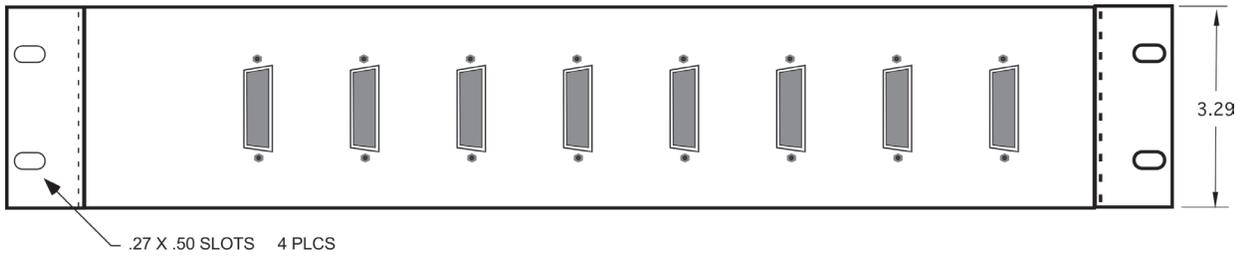
GPIB: 24-pin female GPIB connector with metric lockstuds.

Weight

3.5 pounds (1.6 kg)

Capacitance

Less than 0.5 meter GPIB Cable



4801 Outline Dimensions when mounted in a rack.

ORDERING INFORMATION

Bus Strip with mounting brackets

Part Number

4801