

## BUS STRIP

ICS's 4801 IEEE-488 Bus Strip™ is a distribution panel for 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 all IEEE-STD 488.1-1987, HP-IB and GPIB specifications. The 4801's low capacitance signal distribution path does not degrade the performance of the highest speed bus systems.

### Eliminates Connector Damage

The 4801 eliminates the necessity to piggyback 488 bus connectors on instrument panels. Piggybacking multiple cables on one connector creates a long moment arm which puts a large mechanical stress on the connector. This stress can break the connector and tear open solder joints which eventually cause intermittent signals.

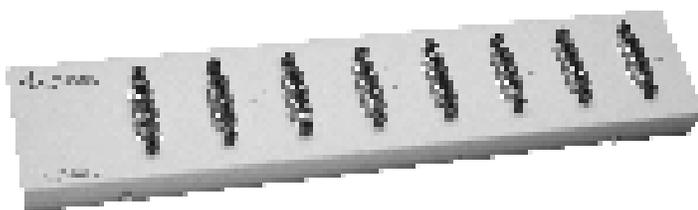
### System Advantages

In rack mounted systems, the 4801 provides a central location for interconnecting instrument 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 may reduce system cable length and improve system performance. The 4801 also brings order to the jumbled cable interconnections found in today's IEEE-488 bus systems. Now it is easier than ever to document system wiring and ensure repeated system cabling.

### Two Mounting Styles

The 4801 is a flat metal cased strip with brackets for mounting on a bench top or across the rear rails of an equipment rack. Order 4801-01 for equipment rack brackets, 4801-02 for bench top mounting.

- Eliminates cable piggybacking  
*Reduces stress on instrument panels and broken circuit traces.*
- Provides improved cabling and system documentation.  
*No more random system assembly and better system documentation.*
- Provides easy access for bench top system interconnections.  
*Speeds system setup*
- Adds less than 0.5 meters of cable capacitance to system  
*Reduces overall system capacitance.*
- Rugged metal construction provides EMI/RFI shielding.  
*Durable for long life.*
- Available with surface mount and table mounting brackets.  
*Mounts in any location.*



4801 Bus Strip

### ORDERING INFORMATION

	Part Number
Bus Strip with rack mount brackets	4801-01
Bus Strip with surface mount brackets	4801-02



473 Los Coches Street  
Milpitas, CA 95035-554  
Phone: (408) 263-5506  
Fax: (408) 263-5896