



Description

The **DA422** is designed for use over Category twisted pair cabling. The DA422 functions as a data distribution card. Data control signals from a controller, matrix, etc. are connected to the input of the DA422 and four (4) signals are available for distribution to multi-points at the output either using an RJ45 modular connector or screwless push terminals. The system can also adapt to existing communication cables, computer network spare pairs or new cable installations. The balanced output design of the DA422 insures that the system will not interfere with other equipment on the network

Features

- Balanced communication output can be run in the same cable with video, data, power & communication signals
- RJ45 or screwless terminal block output connections
- EIA standard input and output
- Easy to install and configure
- LED presence indicators for data

Applications

- Extending keyboard operation for point to multi-point control
- Operation in structured cabling environments
- Providing data control, extension and distribution for remote cameras



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TECHNICAL SPECIFICATION

DA422 Modular Rack Card

Size	1 card slot
Twisted Pair Input	EIA standard data
Output	(4) separate EIA standard Data signals
Data Rate	Up to 64k baud
UTP Category	Category UTP cable
Wire Size	26 to 12 AWG unshielded twisted pair
Temperature Range	0°C to +55°C
Humidity Range	0 to 98%, non-condensing
Shipping Weight	1 lb

Wire and Cable Recommendations

We recommend using unshielded twisted pair wiring. The systems will operate over wire 26 to 18 AWG but are optimized for 24 AWG. Category cables may be used. Individually shielded pairs should be avoided, as they drastically reduce the operating range of the systems. Multi-pair cable with an overall shield is acceptable. Video can be operated in the same communication cable coexistent with telephone, computer, control signals, power voltages and other video signals. While video may be routed through telephone punch down block terminals, any bridge-taps, also called T-taps and any resistive, capacitive or inductive devices MUST BE removed from the pair.