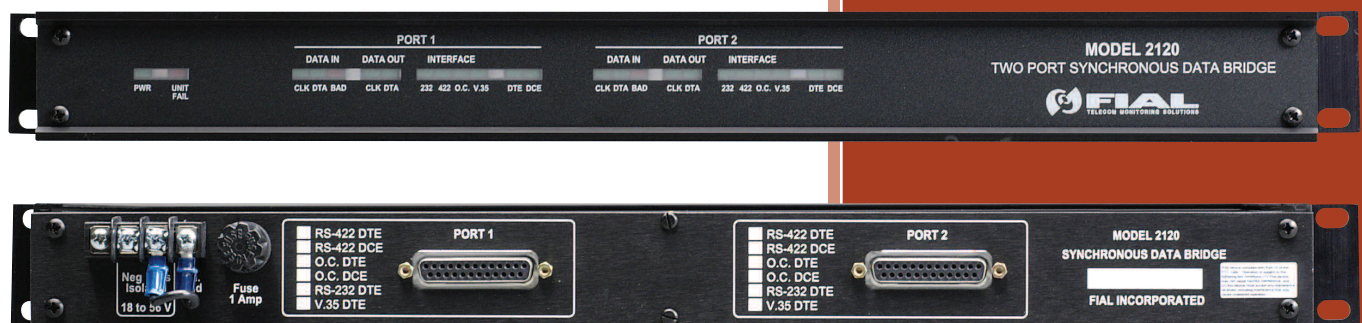## MCS-11 Two Port Bridge
Model 2120

- **Two port bi-directional data rate conversion and buffering of MCS-11 protocol packets**

- **Electrical format conversion to/from open collector, RS-232, RS-422 or V.35 (manual configuration)**

- **1 RU high**

- **Multiple rack mounting positions**

- **18 to 56 VDC floating power supply**

Key Features:

- 2-Port Telemetry Bridging

- RS-422, RS-232, V.35 or Open Collector Port Options

- Independent Data Rates

- LED Activity Indicators

- Simple Port Configuration

- Wide Range DC Power Input

- Proven MCS-11 Compatibility

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Model 2120 Characteristics

Telemetry Channel Interface

Two Communication Ports	1,200 to 64,000 bps
15-pin female D-Sub (DB15F) shielded	Synchronous MCS-11

RS-422, DTE or DCE
RS-232, DTE
V.35, DTE
Open Collector, DTE or DCE

Each DCE port data rate set independently
Port DTE data rate sensed automatically
Connectors 25-pin female DB-25 shielded
(DTE accepts clock, DCE supplies clock)

LED Indicators

Unit power and unit fail status
Port TX & RX activity
Port configuration

Power

Input Power Range	18 to 56 VDC, floating
Power Consumption	6 Watts
Power Connection	Barrier Strip, two #6 screws
	(separate chassis ground strap)

Environmental

Operating Temperature	0° to +50° C
Humidity Range	5% to 95%, Non-condensing
Storage Temperature	-40° to +70° C

Physical Characteristics

Shelf Size	1.75" H (1 RU), 19" W, 11" D
Rack Mounting	Flush, 2" or 5-1/8" projection
Shelf Weight	5 pounds

Fial Incorporated has developed a nationwide reputation for the design of microprocessor-controlled hardware and the development of software for custom applications at a competitive price.

We have been in business since 1978 with one basic objective: to provide functional, cost-effective solutions while maintaining strong communication links with every customer.

Fial Incorporated's products encompass a wide range of telecommunications alarm monitoring equipment that support multiple protocols including SNMP, MCS-11, TBOS, ELMC and TL-1. Our devices include protocol converters, remote encoders, synchronous packet data bridges, baseband and IF protection switch products, and other specialized equipment.