Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

RoHS Compliant

®Fiber232

SPECIFICATIONS
MODEL 4106
(Cat. No. 304106)

Fiber 232® Model 4106 POF Fiber Optic Repeater with Custom RS232 Traffic Monitor Port, RoHS Compliant

- *Extend and Repeat Fiber Optic Signals Over Versalink Cables.*
- *Ideal for Casino Networks linking Video Lottery Terminals & Gaming Machines.*

Model 4106 Application:

The POF Fiber Repeater with RS232 Monitor Port is used to regenerate data signals in order to extend the range between optically linked Video Lottery Terminals. It also has the capability to monitor network traffic via an RS232 Monitor Port. The fiber optic communication standard also allows data transmission that is no longer susceptible to electrostatic or electromagnetic fields. Additionally, the RS232 monitor port is protected from damage by potential differences (ground variations) that often exist between them.

Fiber 232® Model 4106 Features:

- RS232 Traffic Monitor port via a DB9 connector.
- Provides full galvanic isolation (no metallic connection) between the fiber ports and the RS232 monitor port.
- **Allows the interference-free fiber optical transfer of data to be regenerated and it's range extended.**
- Plastic Fiber connections via two standard Versatile Link connectors.
- Link distance: greater than 500 meters (1640 feet) with 2.00 mm Hard Clad Silicon fiber cable.
- **RoHS Compliant.**
- **This unit can only be used as a fiber repeater with data monitoring capabilitly when jumper 2JP2 is installed.**

Model 4106 POF Fiber Optic Repeater...

...with RS232 Traffic Monitor Port

Fiber 232® Specifications:

Plastic Fiber: (POF)
  Cable Type: 1 mm plastic optical filament.
  Wavelength: 660 nm (red).
  Transmission Distance: 75 m (250 ft.) (POF).
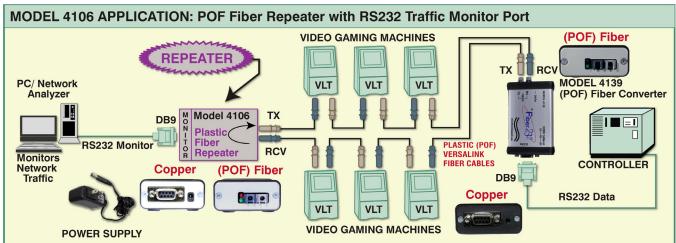**Copper Interface**
  RS232 Connector: DB9 female.
External Power Supply: Wall-mount power supply, included with the unit. 100-240 VAC, 50/60 Hz, UL, cUL, RoHS (Cat. No. 533973).
Dimensions: 2.24" x 1.1" x 3.88" (5.7cm x 2.8cm x 9.9cm).
Weight: 0.3 Lb. (93.5 grams).
Status Display: Red LED.

RS232 Signals – DTE Custom Jumper Configuration		
Model 4106		
DB9 Pin #	**Signal**	**Signal Direction**
3	RXD	→ OUT
2	TXD	← IN
5	REF/GND	

Versatile Link Plastic Core Cables	
Catalog Number	**Length**
986625-010	10 Feet
986625-020	20 Feet
986625-030	30 Feet
986625-###	Length in Feet

MODEL 4106 APPLICATION: POF Fiber Repeater with RS232 Traffic Monitor Port