

Fiber 232® Model 4154 HP Fiber Repeater with RS-232 Traffic Monitor Port, RoHS Compliant

Model 4154 Application

The HP Fiber Repeater with RS-232 Monitor Port is used to regenerate data signals in order to extend the range between optically linked data 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 RS-232 monitor port is protected from damage by potential differences (ground variations) that often exist between them.

Model 4154
Fiber Repeater



... with RS-232
Traffic Monitor
Port

**Fiber 232® HP Fiber Repeater
with RS-232 Traffic Monitor Port**

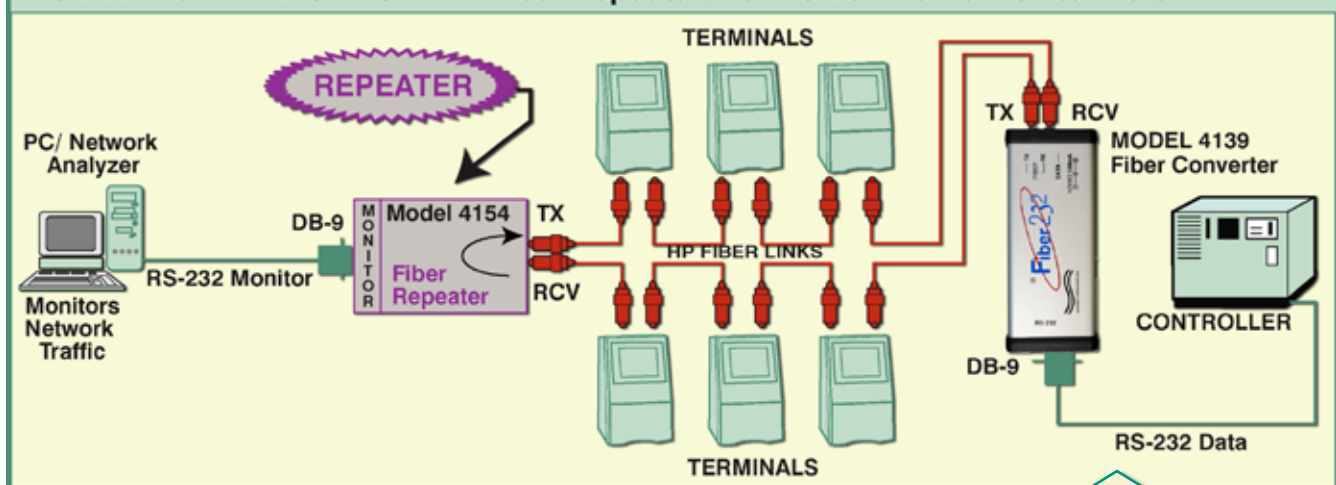
Fiber 232® Model 4154 Features:

- RS-232 Traffic Monitor port via a DB9 connector.
- Provides full galvanic isolation (no metallic connection) between the fiber ports and the RS-232 monitor port.
- **Allows the interference-free fiber optical transfer of data to be regenerated and it's range extended.**
- Fiber connections via two standard Versatile Link connectors.
- Link distance: greater than 500 meters (1640 feet) with 200 mm Hard Clad Silicon fiber cable.
- Provided with external wall-mount power supply, UL approved.
- **RoHS Compliant**

Fiber 232® Specifications:

- Fiber Transmission Distance: 75 m (250 ft.) using TC 1000 W type plastic fiber cable.
- Optical Fiber Connectors: HP/Agilent Versatile Link
- RS-232 Connector: DB-9 female
- Optical Cable Type: 1mm plastic optical film
- Optical Wavelength: 660 nm (red)
- External Power Supply: 120 VAC, 60 Hz
- Dimensions: 5.5" x 2.25" x 1.0" (139mm x 57mm x 25mm).
- Weight: 0.5 Lb. (226 grams)
- Status Display: Red LED

MODEL 4154 APPLICATION: HP Fiber Repeater with RS-232 Traffic Monitor Port



RS-232 SIGNALS		
Model 4154		
DB-9 Pin #	SIGNAL	SIGNAL DIRECTION
3	RXD	← IN
2	TXD	→ OUT
5	REF/GND	

HP VERSATILE LINK PLASTIC CORE CABLES	
Length	Catalog No.
10 Feet	986625-010
20 Feet	986625-020
30 Feet	986625-030
40 Feet	986625-040

Custom Length
HP Fiber Cables Available
ORDER: Catalog Number
986625 - Length (in feet)