

Opticom™

Fiber Optics Repeater



**Ensure data integrity using
Checkpoint's Opticom Fiber Optics
Repeater to increase network distances
without sacrificing the quality and
security of your signal.**



Opticom easily fits inside any enclosure and its ST style connectors ensure simple and accurate fit of fiber cable

Fiber optics technology today for tomorrow's growth.

Electronic pollution—signal transmission, magnetic fields, Mother Nature—can corrupt data transmission. When it comes to protecting and securing businesses and institutions, their assets and people, electronic pollution has become a critical issue.

Checkpoint Systems' Access Control Group, the leading developer of distributed network access control and monitoring systems, offers a fiber optic solution to electronic pollution. Because fiber optic cable transmits signals on a beam of light, free of interference problems, data integrity remains secure. Checkpoint's Opticom Fiber Optics Repeater transmits that data in a balanced bi-directional mode.

Durable, dependable, effective.

The Opticom Fiber Optics Repeater provides cost-effective fiber connection for all of Checkpoint's data networks. Using Opticom, Pinnacle and Threshold systems can transmit and receive signals on a single fiber optics cable. With Opticom you can extend the network distance to 4000 feet between controllers. The result: a fully loaded network using fiber optics which can cover distances 16 times longer than traditional hardware.

Today, Checkpoint's Access Control Group provides a fiber optics solution for tomorrow's needs. Increased data network distances, decreased noise to ground occurrences and lower installation costs all combine to make the Opticom Fiber Optics Repeater the smart choice for every access control system.

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PHYSICAL AND ENVIRONMENTAL

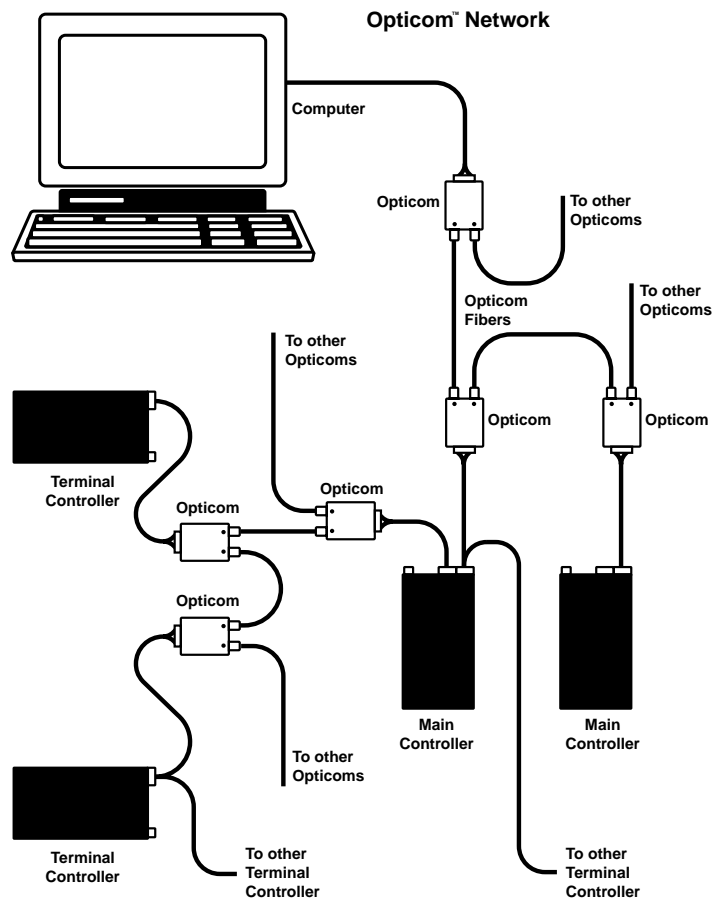
Connectors:	ST Style
Length:	4.12"
Width:	2.40"
Height:	0.90"
Operating Temperature:	0 to 50° C
Relative Humidity:	90% operating (non-condensing)

Specifications:

ELECTRICAL

Voltage:	12 volts DC
Current Dissipation:	150mA Maximum
Electric Cable:	485 Comm.
Type	– 22 gauge shielded dual twisted pair (Belden #8723)
Length	– 4,000 ft. max. Fiber Optic Comm.
Type	– 62.5/125um (Chromatic 62M, 621)
Length*	– *3900 feet (4.5dB)
Type	– 100/140um (Chromatic 100x)
Length*	– *5200 feet (8.0dB)
Type	– 200/230um (Ensign-Bickford HCP 200um)
Length*	– *6500 feet (12.0dB)

*Subtract 45 feet per slice (0.5dB)



Checkpoint®



Access Control and RFID Solutions

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