

Overview

The 350A fiber links are designed specifically for interfacing to the speakers of intercoms manufactured by Aiphone.® A complete system consists of a pair of transceivers for connection to master and remote intercoms.

Maintains all Intercom Functions

Since transceivers have dedicated transmit and receive functions, they are referred to herein as transmitters and receivers. All functions of the intercom systems to which the links are interfaced, e.g., push-to-talk, call, and hands-free operation, are transparent through the interface units.

Superior Diagnostics

The SMARTS™ diagnostic technology provides LEDs that monitor the operating status of the audio and optical signals.

Standard Features

- Two-way audio transmission over one or two multimode fibers
- Used with Aiphone intercom systems
- 10 dB optical budget
- Operating distances up to 8.9 miles (14 km)
- Optical AGC circuitry
- Standalone or rack configurations

Two-Way, Intercom Interface 350A



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Specifications

Audio	
Channels	1 duplex
Bandwidth	20 Hz to 5 kHz Input
Signal-to-Noise Ratio	>50 dB
Input/Output Signal	Standard phone line
Input/Output Impedance	600 ohms

Optical	
Mode	Multimode
Optical Budget*	10 dB (depending on model)
Emitter	LED
Wavelength	850 and/or 1300 nm (depending on model)
Operating Distance**	Up to 8.9 miles (14 km) (depending on model)
Gain Control	Optical Automatic Gain Control (OAGC)

Electrical	
Input Power, Standalone Units:	12-14 VAC or 13.5 VDC regulated
Input Power, Rack Units:	13.5 VDC regulated
Current Requirement	350 mA
Power Consumption	5 W
Power Factor	4 (rack units only)
Protection	Solid-state short circuit protection
Optional Power Supply	Model 610P (AC) or Model 613P (DC)

Rack Versions Only:
Two-way dry contact closures,
Tx → Rx (Push to Call) Form A
Rx → Tx (Gate Release) Form A

Environmental	
Operating Temperature	-40 to 167° F (-40 to 75° C)
Maximum Humidity	95% relative, noncondensing

Mechanical	
Dimensions, (LWD) Standalone Units	4.0" x 4.55" x 1.22" (102 x 116 x 31 mm)
Dimensions, Rack Units	1 slot (1.0")
Weight, Standalone Units	0.50 lbs (0.23 kg)
Weight, Rack Units	0.55 lbs (0.25 kg)
Construction	Aluminum

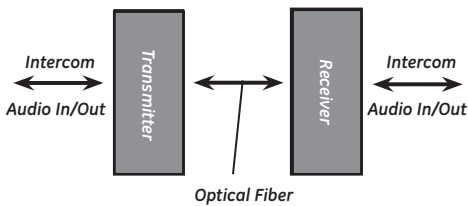
AGENCY COMPLIANCE

FCC PART 15 COMPLIANT **CE** **UL** US

MADE IN THE USA

Complies with FDA Performance Standard
for Laser Products, Title 21, Code of
Federal Regulations, Subchapter J

Related Diagram



Ordering Information

Use the Configurator below to select the options available for this product.

350A - /1BAP

No. of Fibers	Product Type	Enclosure
1 1 Fiber	T Transmitter	R Rack Card
2 2 Fibers	R Receiver	Omit for Standalone unit

* Optical Budget based on 62.5 μm fiber, for 50/125 μm fiber subtract 3 dB.

** Operating distance is approximate and assumes best fiber. It will be affected by the type and number of splices in the fiber. Refer to update No. TB00-005, which can be found at www.gesecurity.com

As a company of innovation, GE Security reserves the right to change product specifications without notice. For the latest product specifications, visit GESecurity online at www.GESecurity.com or contact your GE Security sales representative.
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imagination at work