FIBERLINK®
Designed & Manufactured by
CSI New York

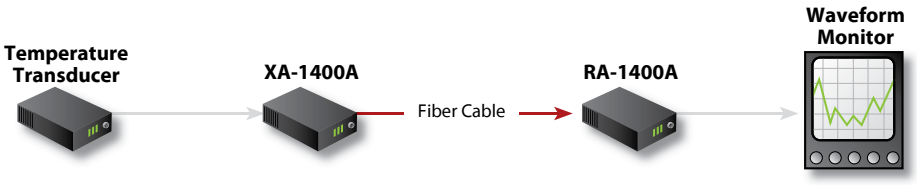
XA/RA-1400A

Digital fiber optic transmission of analog
DC voltages over standard multimode fiber

Ideal Applications:

Industrial, Research and Development, Military, Test and Instrumentation

Signal	Channels	Direction
Analog DC Voltages	1	→



Features

Accurate DC level transmission, using A/D and D/A conversion techniques

System consists of transmitter and receiver unit; card or box version. Each end, plus power supply, must be purchased separately

Integral indicator LEDs indicate the presence of signals and proper operation of the system

Built-in regulated power supplies allow operation from batteries or unregulated AC or DC sources

Millivolt resolution

Card version fills one slot in MCR-1000A rackmountable card cage

Ordering Information

Part Number	Description	Number of Fibers
XA-1400A-1	Transmitter Box, 850 nm, Multimode	1
XA-1400A-3	Transmitter Box, 1310 nm, Multimode	1
RA-1400A-1	Receiver Box, 850 nm, Multimode	1
RA-1400A-3	Receiver Box, 1310 nm, Multimode	1
MCR-1000A*	Rackmountable Card Cage	
XP-1000A	115 volts AC, 50/60 Hz plug-in adaptor	

*To order a rackmounted version of any XA-1400A or RA-1400A unit, add an "/MCR" to the part number followed by a "-1" or "-3". Each module occupies one slot in the MCR-1000A card cage. Please note that the card versions of these products are NOT compatible with the model 6000A card cage used with most Pure Digital Fiberlink products.

Sales

CSI Communications Specialties, Inc.

631-273-0404 | commspecial.com
info@commspecial.com

Signal Specifications

Number of Channels	1
System Response Time	0.5 second to 98%
Transmitter Input Impedance	10 k Ohms
Receiver Output Load Impedance	10 k Ohms minimum
Normal Input/output Voltage	0 to 10 V
Linearity	3% typical
Resolution	0.003 volt typical
Ripple Level	10 mV typical
Signal Connectors	BNC

General Specifications

Number of Fibers	1
Operating Temperature	0 to +50° C
Operating Power (per unit)	+15 to +25 volts DC @ 150 mA or 14 to 18 volts AC, 50/60 Hz
Dimensions	2.55 W x 1.35 H x 4.75 L (inches) 65 W x 34 H x 121 L (mm)
Weight	approx. 1 lb.; 0.45 kg
Optical Connectors	ST
Optical Wavelength	850 or 1310 nm
Optical Fiber	50 to 100 micron fiber

About CSI

Communications Specialties, Inc. (CSI) is an award-winning manufacturer of Pro A/V products for the distribution, conversion or transmission of television and computer video signals, including fiber optic transmission systems, scan converters and video scalers. The company was founded in 1983 by veterans of the broadcast industry. Since then, CSI has managed to consistently design innovative products that are used worldwide by Fortune 500 Companies in a variety of markets such as Broadcast/Professional A/V, Video Conferencing, Education, Home Theater, Security, ITS, Industrial Monitoring, and more!

The **Pure Digital Fiberlink®** line offers an extensive and affordable family of fiber optic transmission systems for the Professional A/V marketplace and includes several ground-breaking products for the transmission of high-resolution RGB signals. Systems for point-to-point and point-to-multipoint signal distribution make these products highly desirable for any Pro A/V architecture. New products are constantly being designed and developed and you can get the latest information at commspecial.com

Also from CSI: Scan Do® Scan Converters and Deuce® Video Scalers

FIBERLINK® XA/RA-1400A

GSA Schedule
Contract GS-03F-5063C

Operating Loss Budget & Maximum Usable Distance*

Fiber Type	Loss(dB)
50 micron	0-10
62.5 micron	0-15

For system to operate properly, operating loss budget must not be exceeded.

Want to learn more about fiber?

Log on to commspecial.com for fiber related resources written for Pro A/V Professionals by Pro A/V Professionals!

3 YEAR LIMITED WARRANTY

Backed by a 30-day satisfaction guarantee and a three-year limited warranty on parts and labor.
See website for terms and conditions.

Sales

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Made in the USA