FIBERLINK®
VIDEO, AUDIO & DATA OVER FIBER

7130 Wideband Video Series

15 MHz wideband video with
four independent audio channels,
digitally transmitted over one fiber

al Applications:

dcast Studios, OB Vans, Video Conferencing,
tal Signage, Distance Learning and Sports Arenas.

Signal	Channels	Directio
Wideband Video	1	—
Audio	4	—

Features

Transmits over one multimode or single mode fiber at 850, 1310 or 1550 nm

Pure digital processing and transmission

10-bit video sampling; 15 MHz video bandwidth; broadcast quality

Video channel is compatible with NTSC, PAL or SECAM video standards

24-bit audio sampling @ 62.5 kHz; 20 Hz to 20 kHz audio bandwidth

Audio channels may be configured independently by the user to have either balanced or unbalanced inpu and outputs

Indicator LEDs monitor signals and power

Wide range power supply allows operation from low voltage AC and DC sources

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

Card version fills one slot in the 6000A card cage

rdering Information

art Number	Description	Fiber Cores
30-Byz	Transmitter, Box Version	1
30-Cyz	Transmitter, Card Version	1
31-Byz	Receiver, Box Version	1
31-Cyz	Receiver, Card Version	1
PS-1-pp	Power Supply	

ower Supply Suffix Codes (pp) for AC Line Cord:

A - North America
- Japan
AU - Australia
UK - United Kingdom
EU - Europe

art Number Suffix Codes:

1	850 nm Multimode	
3	1310 nm Multimode	
7	1310 nm Single Mode	
9	1550 nm Single Mode	

z:	S	ST Connector
	F	FCPC Connector

Sales

CSI Communications Specialties, Inc.
631-273-0404 | commspecial.com
Info@commspecial.com

SYS COM
Distributi

deo Specifications

umber of quantizing bits	10
equency Response	15 MHz (-3dB), +0.1 dB to 8 MHz
put/Output Impedance	75 Ohms
gnal-to-Noise Ratio	67 dB per RS-250C
fferential Gain	0.7%
fferential Phase	0.5 degree
deo Gain Adjust	+/-4%
C Delay	4 ns
K-Factor	0.4%
deo Connectors	BNC

udio Specifications

umber of Audio Channels	4, balanced or unbalanced
equency Response	+0/-0.5 dB, 20 Hz - 20 kHz
ts-per-Sample/Sampling Rate	24 bits; 62.5 kHz
aximum Audio Level	+24 dBu
NR (A-Weighted)	95 dB
HD+N	0.002%, 20 Hz - 20 kHz
hannel Phase Differential	+/-0.1°
osstalk	min. 95 dB (1 kHz)
put Impedance	600 Ohms terminated; >24 k Ohms unterminated
utput Impedance	50 Ohms
udio Connectors	Screw terminal block
vitches	DIP switches to select input termination, balanced or unbalanced input/output. Selectable on a per-channel basis

eneral Specifications

D Indicators	Power; Video/Audio Present; Alarm LED (card version only)
wer Requirements*	9-24 volts AC or DC, 5 watts
perating Temperature Range	-35° to +70° C
otical Connectors	ST or FCPC
ysical Size	6.5 W x 1.15 H x 8 L (inches) 165 W x 29 H x 203 L (mm)
eight	approx. 1 lb.; 0.45 kg
ots Filled in 6000A Card Cage	1

operation from 95-250VAC, 50/60Hz, a PDPS-1 plug-in adaptar is required.

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7130 Wideband Video Ser

GSA Schedule
Contract GS-03F-5063C

Operating Loss Budget & Maximum Usable Distance

Wavelength	Loss(dB)	Distance (
850 MM	0-20	0-.75
1310 MM	0-24	0-2
1310 SM	0-23	0-55
1550 SM	0-25	0-80

SM = Single Mode Fiber
MM = MultiMode Fiber

*Distance specifications are only approximate and are not guaranteed. Op
ing 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 condition

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