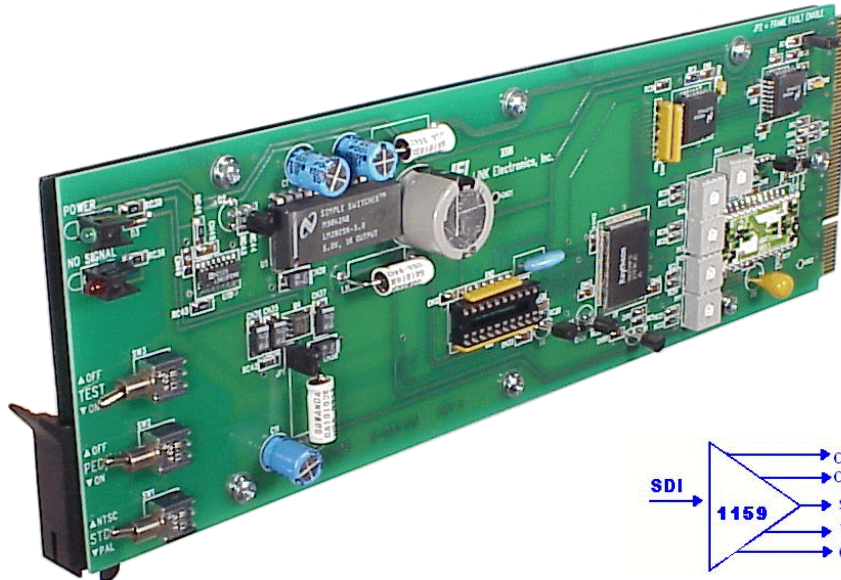




**LINK ELECTRONICS, INC.**

## SDI TO ANALOG COMPOSITE & Y/C

### DigiFlex 1159



#### FEATURES

- ◆ 10 Bit Processing
- ◆ SDI Serial Component Digital Input
- ◆ NTSC or PAL Input
- ◆ Two NTSC/PAL Outputs
- ◆ One Y/C (S-Video) Output
- ◆ Composite Sync Output

The LINK 1159 converts SDI serial component digital, 10 bit, to analog (NTSC/PAL) composite video. The 1159 takes advantage of the latest technology to provide high-performance conversion from digital SDI to analog NTSC or PAL composite video. The digital input is non-looping and offers excellent return loss. Error-free transmission is provided for input cable lengths exceeding 500ft. Serial digital input is confirmed by a signal presence LED.

Two NTSC analog outputs are available on the rear panel for distribution purposes. In addition, there is a Y/C pair of BNC connectors for S-Video distribution.

#### FEATURES

- ◆ Color Bar Select
- ◆ CCIR 601 Compliant
- ◆ Set-up On/Off
- ◆ Select NTSC/PAL
- ◆ Fault Indication
- ◆ Passes Line 21

Three switches on the front panel select Color Bars, Set-up On/Off and NTSC/PAL. Line 21 is preserved for closed caption. The DigiFlex 1159 is designed to reside in LINK's 1000-Series frame. This frame can house up to 11 modules of various types. A redundant power supply is available for dual power supply operation. A second power cord is a part of the redundant power supply for separate AC circuit breakers.

The family of DigiFlex 1000 series modules will operate in the mounting frame in any configuration. The specific rear cell matches the module and in some cases the rear cell detects the desired output signal.

**LINK ELECTRONICS, INC.** ◆ 2137 Rust Avenue ◆ Cape Girardeau, MO 63703-7668

Phone 573 334 4433 ◆ FAX 573 334 9255

# DIGIFLEX 1159 SDI TO ANALOG COMPOSITE

## SPECIFICATIONS

### SERIAL DIGITAL VIDEO INPUT:

Standard: . . . . . 270Mb/s, SMPTE 259M-C  
Impedance: . . . . . 75Ω  
Return Loss: . . . . . >18dB  
Signal Level . . . . . 800mV±1%  
CMR: . . . . . 30Vp-p, up to 60Hz  
Equalization: . . . . . Automatic up to >30dB  
Connectors: . . . . . BNC

### ANALOG OUTPUTS:

Number of Video Outputs: . . . . . 2 NTSC or PAL  
. . . . . 1 Y/C ( Two BNC Connectors)  
Composite Sync: . . . . . 0.3 Vp-p, Terminated  
Impedance: . . . . . 75Ω  
Return Loss: . . . . . >38dB to 5MHz  
Signal Level: . . . . . 1.0Vp-p ±10%, Adjustable  
DC Offset: . . . . . ±100mV  
Frequency Response: . . . . . >0.5dB @ 4.2MHz  
Differential Gain: . . . . . 1.0%  
Differential Phase: . . . . . 0.5°  
Chroma-Luma Delay: . . . . . ±10nS  
Signal to Noise: . . . . . >65dB to 5MHz

### FRONT CONTROLS & INDICATORS:

Power: . . . . . Green LED  
No Signal: . . . . . Red LED  
Test: . . . . . Color Bars, Select  
Set-up: . . . . . On/Off  
Standard: . . . . . NTSC/PAL

### ENVIRONMENTAL:

Temperature: . . . . . 0° to 50°C Ambient  
Humidity: . . . . . 0% to 90% non-condensing  
Power: . . . . . 3.5 Watts

### MECHANICAL:

Height: . . . . . 3.2 Inch  
Width: . . . . . 1.0 Inch  
Length . . . . . 10 Inch  
Weight: . . . . . 7.25 Oz

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#### Rear Cell Outputs

- 0. Input
- 1. Sync
- 2. Composite
- 3. "Y"
- 4. "C"
- 5. Composite



REARCELL 1027

PROFESSIONAL SERIES--

modular system products--by **LINK**

1159/110502

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