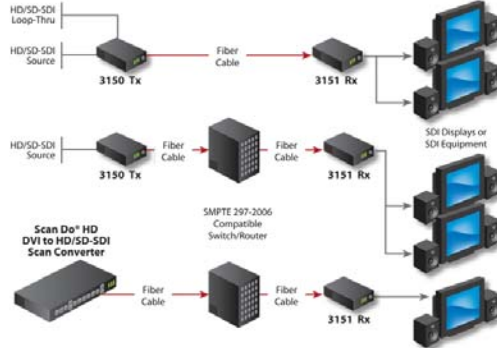




Broadcast Quality HD/SD-SDI 광송수신 솔루션

주요 어플리케이션



Specification

Pure Digital Fiberlink® 3150 Transmitter Specifications		Features
Serial Video BNC Input		Signal is equalized and re-clocked prior to fiber optic transmission Transmitter features a re-clocked SDI loop through Receiver features two equalized and re-clocked SDI outputs Designed for fiber optic interoperability with other SMPTE 297-2006 fiber optic compliant devices up to 1.485 Gbps Immunity to pathological patterns over entire link budget and operating temperature range Compliant with SMPTE 259M-2006, 292-2006, 297-2006 Supports transmission of SMPTE 305M-2005, 310M-2004, 344M-2000, DVB-ASI Supports both Single Mode and Multimode (62.5u & 50u) fiber types Supports HD/SD-SDI inputs with embedded audio and data 18db Optical Link Budget - 1.485 Gbps Wide operating temperature range: -10° C to +50° C Available in Box and Card versions Card version compatible with the Fiberlink® 6000A Rack Card Cage Designed and Manufactured in the USA by CSI
Number of Inputs	1	
Data Rate Range	19.4 Mbps to 1.5 Gbps	
Supported Standards	SMPTE 259M, 292, 297, 305M, 310M, 344M, DVB-ASI	
Re-clocked Data Rates	270 Mbps (SMPTE 259M, DVB-ASI 270), 1.485Gbps (SMPTE 292)	
Equalization	Automatic up to 200m of Belden 1694A at 1.485 Gbps and 350m at 270 Mbps	
Return Loss	>15dB up to 1.485 Gbps	
Serial Video BNC Loop-Through Output		
Number of Loop-Throughs	1	
Signal Level	800mV ± 10%	
DC Offset	0V ± 0.5V	
Rise/Fall Time	< 270 ps at 1.485 Gbps per SMPTE 292; 0.4 ns to 1.5 ns at 270 Mbps per SMPTE 259M	
Overshoot	< 10% of amplitude	
Timing Jitter	< 0.2 UI at 270 Mbps; < 1.0 UI at 1.485 Gbps with color bar signal	
Alignment Jitter	< 0.2 UI at 270 Mbps; < 0.2 UI at 1.485 Gbps with color bar signal	
Re-clocking	At 270 Mbps and 1.485 Gbps	
Optical Output		
SMPTE 297-2006 Labeling	L-PC-ABC-1310	
Connector	LC receptacle, PC polish	
Wavelength	1310nm	
Emitter Type	FP Laser	
Output Power	-3.5 dBm, ±0.5 dB	
Re-clocking	At 270 Mbps and 1.485 Gbps	



Picture Performance

PERFECT PERFORMANCE!

