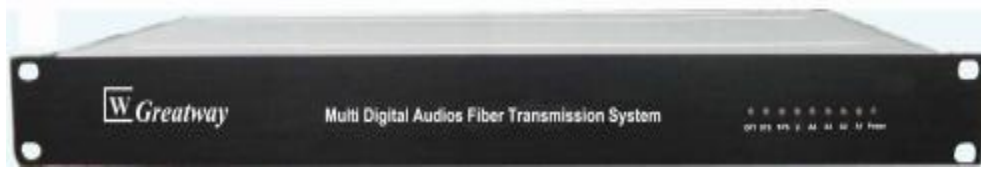


GAES series Multi Digital Audios Optical Equipment

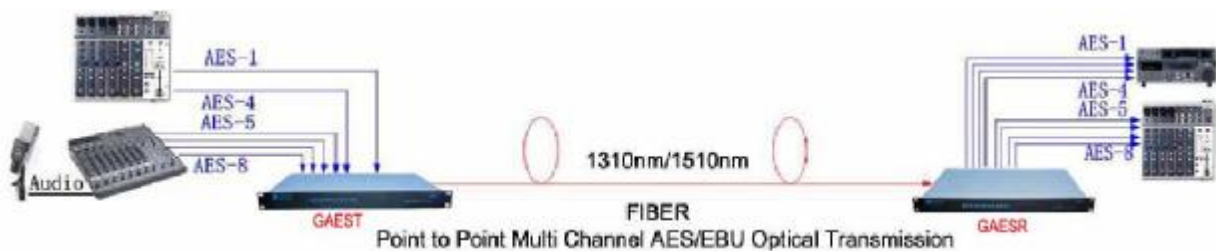


The GAES series digital audio fiber optic transmission product is made up of Greatway GAEST fiber optic transmitter and GAESR optical receiver, transmitting 1 channel, 2 channel, 4 channel, 6 channel or 8 channel AES/EBU digital audio signals over one fiber for distance up to 120Km.

Features:

- | Audio input and output are AES/EBU, compatible with AES3, S/PDIF
- | Audio input compatible with AES with multi frequencies
- | Built-in phase lock loop enable inputted AES signals synchronous
- | Fiber transmission distance up to 120Km
- | System topology supports point to point and point to multi-point

Applications:



Specifications

Audio Input		
Audio Channel	1/2/4/6/8	
Audio Level	0.2~7.0 V _{p-p}	
AES Frequency	32KHz~108KHz	
Input Impedance	110Ω (Balanced)	75Ω (Unbalanced)
Connector	XLR	BNC
Audio Output		
AES Output Channel	1/2/4/6/8	
Output Level	5 V _{p-p}	
AES Frequency	48 KHz (or requested)	
Jitter	<0.005UI _{p-p}	
Rise/Down Time	<25ns	
Output Impedance	110Ω (Balanced)	75Ω (Unbalanced)
Connector	XLR	BNC
Optical Parameter		
Wavelength	1310 nm/1550 nm or CWDM wavelength	
TX Output Power	-12dBm~3 dBm	
RX Sensitivity	-32dBm~-3 dBm	
Fiber Distance	20Km, 40Km, 60Km, 80Km or 100Km+	
Connector	SC/PC	
Operation Temperature	0~45°C	
Power Supply	AC 95~265V, 50/60Hz	
Power Consumption	<20W	
Dimension	430×230×43 (mm)	

Ordering Information:

GAES-A-BC-D-E

A: AES audio channel number 1 or 2 or 4 or 6 or 8

BC: Fiber distance 20-20Km, 40-40Km, 60-60Km, 80-80Km, 100-100Km+

D: Optional CWDM wavelengths

E: Specified output AES frequency other than 48KHz