

Multi-Channel Audio Fiber Optical Transmission SOC08



The SOC08 provides simultaneous transmission of 8 channels of digitized Stereo audio over one fiber. The SOC08 system consists of a SOC08T transmitter and an SOC08R receiver in a 19" 1RU rack chassis.

The SOC08 system features a digital fiber optic transmission technology, It is little or no maintenance, high functionality reliability, and low operating cost. The quality of video, audio transmission is much superior to the analog transmission (based on amplitude or frequency modulation) designs used by other manufacturers. No user adjustments are required in the SOC-1304 system, enabling quick setup and trouble-free operation.

Model – SOC08 技术指标

Audio Specifications		
1	Input Level	Normal: 0dBu, 600Ω balanced Maximum: +18dBu > 30dB return loss
2	Output Level	Normal: 0dBu, 600Ω balanced
3	Insertion Gain	±0.1dB @1KHz
4	Gain Stability	0.25dB 0 — 60°C
5	Frequency Response	20Hz —20KHz: -0.5dB 100Hz —18KHz: -0.25dB
6	Signal-to-Noise Ratio (C-Weighting) CCIR-468/DIN45404	≥ 80dB
7	Total Harmonic Distortion	< 0.05%
8	CrossTalk between Channels	≥ 70dB
9	△Gain between Channels	< 0.25dB
10	△Phase between Channels	< 1°
Optical Specifications		
1	Optical Power Output	≥ -10dBm
2	Optical Receiver Sensitivity	< -25dBm
3	Optical Device	Singlemode 1310nm
4	Optical Connector	FC/PC
Other Specifications		
1	Audio Channel	8 channel Stereo Audio
2	Connector	3-pin circular connectors
3	Size	19" 1U
4	Power	220VAC

* Specification subject to change without notice *