

Video Digital Optical Converter

ANFDZ400TR



Product Overview

Video digital optical converter takes use of advanced digital fiber optic transmission technology, through one fiber to achieve multi-channel video, long-distance, high-quality transmission. This serial Optical Converter can provide you stable performance, clear picture quality. In addition to video and it can transmit other data, such as: RS485, Audio, Ethernet, telephone, E1 interface, we can make flexibly customized products according to requirements. Devices are available for either standalone or rack-mount installation, can be simply installed without the need for on-site commissioning, and are also suitable for different working environment.

Product Features

- Digitally encoded and non-compression Support high-resolution video
- Automatic compatible with PAL SECAM NTSC video format, etc.
- No crosstalk of optical converter with FM, PM, AM
- Automatic power control, Automatic Overload protection, Automatic temperature compensation circuits.
- Stand-alone type or card-type installed in 19" 2U or 4U rack- mount Chassis
- Support a variety of signal interface: Video, RS485, RS232, audio, Ethernet telephone, E1, dry contact etc.

Product specifications

Optical Parameters	
Optical interface	SC ST FC LC Optional
Transmission distance	Up to 100KM
Wavelength	1310/1550nm
Video Parameters	
Video interface	BNC
Video input/output impedance	75ohm
Video input/output voltage	1Vpp
Frequency Response	5Hz-7.5MHz
Compatible video formats	PAL SECAM NTSC
Differential gain (10% - 90% APL)	< 1.5%
Differential phase (10% - 90% APL)	< 1.7
Video SNR	> 65dB
Data Parameters	
Physical Interface	Phoenix terminal
Encoded type	RS485/RS422/RS232/Manchester
Data rate	0-400Kbps
BER	< 10 ⁻⁹
Audio Parameters	
Physical Interface	Phoenix terminal
Input/output impedance	600ohm(Unbalanced)
Data rate	0-400Kbps
SNR	>95dB
Switch Parameters	
Physical Interface	Phoenix terminal
Input signal: Anyactive or passive alarm, switch input, supportTTL/RS-232/422/485 or passive switch, push button	
General indicators	
Operating Temperature	-20 ° C ~ +60 ° C
Humidity	0-95% Without condensation
Operating Voltage	DC-5V/1A