FionTu
方图集团

► Feature:

1. Support 4-way LC fiber signal input

2. Support power-off on-site switching memory protection function, unique ESD static protection function

3. Support bidirectional infrared, bidirectional RS232 transmission function

4. Compatible with HDMI1.4 and HDCP2.0 standards

5. The maximum resolution supports 4Kx2K@30Hz, the distance is 2KM, and the module can be designed if it is farther away

6. Support hot plug, plug and play, extremely convenient

7. Seamless switching can be achieved with 4k seamless output card

8. Support EDID management function

9.FT-4IFB2K is a fiber seamless input card that supports 4-way LC interface and 4K signal. Highly integrated board design, the number of boards can be selected as needed, which brings great convenience to application and maintenance

► Specification:

Protocol	HDMI1.4 standard, HDCP2.0 protocol
Gain	0 dB
Pixel bandwidth	300MHz, all digital
Interface bandwidth	3.4Gbps, all digital (10.2Gbps in total, 3.4Gbps for each color)
Maximum supported resolution	4Kx2K@30Hz
Bit clock jitter (Clock Jitter)	<0.15 Tbit
Bit rise time (Risetime)	<0.3Tbit (20%--80%)
Bit fall time (Falltime)	<0.3Tbit (20%--80%)
Maximum transmission delay	5nS (±1nS)
Interface	4-way RJ45
Signal strength	T.M.D.S.+/-0.4Vpp
Minimum/maximum level	T.M.D.S.2.9V/3.3V
Impedance	50Ω
EDID	Support EDID management and learning
Maximum DC bias error	15mV
Recommended maximum input/output distance	2KM
Product weight	0.5KG
Maximum power consumption	6W