



LARGE CAPACITY, MULTI-TYPE AND LARGE DYNAMIC ANALOG HYBRID TRANSMISSION EQUIPMENT

FEATURES

- ◆ Large transmission capacity
- ◆ Polytype signal
- ◆ High reliability

APPLICATION

- ◆ Communication, test and control
- ◆ Signal processing area
- ◆ Hybrid transmission for RS232/RS422/RS485 signal, video signal, telephone signal, Ethernet signal, RF signal, and etc.



KEY TECHNICAL PARAMETERS

RF signal transmission

Frequency range: 100MHz~20GHz (based on user requirements)

Input power: 15dBm±2dB

Output power: 18dBm±2dB

Phase noise degradation: less than 2dBc

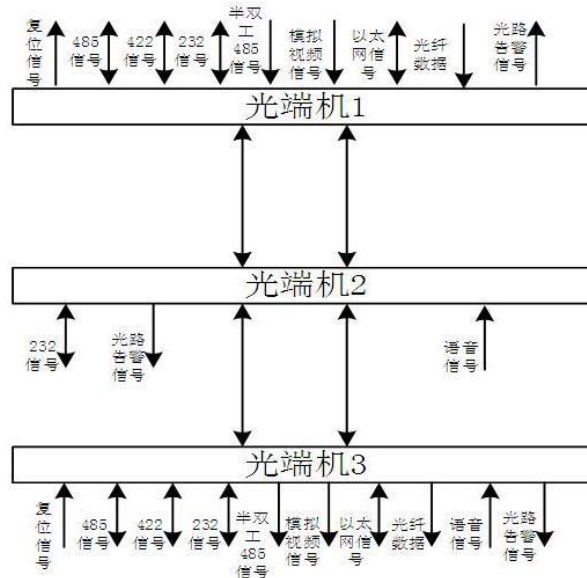
Stray deterioration degree: less than 2dBc

DIGITAL SIGNAL TRANSMISSION		
NAME	PERFORMANCE	SAMPLE
Optical interface	Single mode output optical power	≥0dBm
	single mode receiving sensitivity	≤-25dBm
	Multimode output optical power	≥-11dBm
	Multimode receiving sensitivity	≤-13dBm
	Multimode optical transmission rate	2.5 Gb/s
	Multimode optical error rate	≤10 ⁻¹³
RS232/RS422/RS485 signal	rate	≤1 Mbits
	BER	≤10 ⁻¹⁰
On-off signal	Light path alarm signal	TTL
	reset signal	TTL
video signal	input and output impedance	75±5 Ω
	Input and output amplitude	1~1.5Vpp
Ethernet Function	data transmission function	Ethernet module meets the IEEE 802.3 U agreement, with 10 M/ 100 M adaptive ability of fast Ethernet transmission.



BLOCK DIAGRAM

Transmission system consists of multiple optical transceivers, optical transceiver connects by single mode optical fiber to form the fiber communication system, complete the control of multiple sites and data transmission function.



SIZE AND STRUCTURE

According to user requirements, can be custom-made 1 u, 2 u, 3 u, 4 u case.

ENVIRONMENTAL CONDITIONS

Quality level	Commercial(O)	Industrial(I)	Custom(C)
Environmental			
Operating temperature	0°C ~+40°C	-20°C ~+50°C	-55°C ~+70°C
Storage temperature	0°C ~+50°C	-40°C ~+70°C	-55°C ~+85°C
Relative humidity	\	95%	95%
Vibration	\	\	RMS meet different requirements
NOTE	If you have special requirements please contact manufacturer		

ORDERING INFORMATION

Due to product customization is stronger, the above index are for reference only, when placing order, please confirm with manufacturer for the specific technical requirements and product model.