10/100M SM Dual Fiber, 1310NM, 20km SC

NNM-13L-20D

Overview:

10/100M adaptive fast Ethernet optical media converter is a new product used for optical transmission via high-speed Ethernet. It is capable of switching between twisted pair and optical and relaying across 10/100 Base-TX and 100 Base-Fx network segments, meeting long-distance, high-speed and high- broadband fast Ethernet workgroup users' needs, achieving high-speed remote interconnection for up to 120 km's relay-free computer data network. We can offer dual fibr multi-mode as well single fiber single-mode.

Application:

With steady and reliable performance, design in accordance with Ethernet

standard and lightning protection, it is particularly applicable to a wide range of fields requiring a variety of broadband data network and high-reliability data transmission or dedicated IP data transfer network, such as telecommunication, cable television, railway, military, finance and securities, customs, civil aviation, shipping, power, water conservancy and oilfield etc, and is an ideal type of facility to build broadband campus network, cable TV and intelligent broadband FTTB/FTTH networks.

Technical Parameters:

Technical Parameters for 10/100M Adaptive Fast Ethernet Optical Media Converter		
Number of Network Ports	1 Channel	
Number of Optical Ports	1 Channel	
NIC Transmission Rate	10/100Mbit/s	
NIC Transmission Mode	10/100M adaptive with support for automatic inversion of MDI/MDIX	
Optical Port Transmission Rate	100Mbit/s	
Operating Voltage	AC 220V or DC +5V	
Overall Power	<1W	
Network Ports	RJ45 Port	
Optical Specification	Optical Port: SC Multi-Mode: 50/125, 62.5/125um Single-Mode: 8.3/125, 8.7/125um, 8/125,10/125um	
Data Channel	IEEE802.3x and collision base backpressure supported Working Mode: Full/half duplex supported Transmission Rate: 100Mbit/s with error rate of zero	

Some Product Modes and port Technical Parameters of Optical Port						
Desk Type Dual-Optical Single-Mode/Multi-Mode Media Converter						
P/N	Wavelength (mm)	Optical Port	Electric Port	Optical Power (dBm)	Receiving Sensitivity (dBm)	Transmission Range (km)
8110MA-05V-8S	850	SC	RJ-45	-8~-3	≤19	0.55
8110MA-2F-3S	1,310	SC	RJ-45	-20~-15	≤-34	2
8110SA-10F-3S	1,550	SC	RJ-45	-15~-8	≤-34	10
-8110SA-20F-3S	1,310	SC	RJ-45	-15~-3	≤-34	20
8110SA-40F-3S	1,310	SC	RJ-45	-8~-3	≤-34	40
8110SA-60F-3S	1,310	SC	RJ-45	-5~-0	≤-34	60
8110SA-80D-5S	1,550	SC	RJ-45	-5~-0	≤-34	80
8110SA-100D-5S	1,550	SC	RJ-45	-3~-3	≤-36	100
8110SA-120D-5S	1,550	SC	RJ-45	0~5	≤-36	120
Desk Type Single-Optical Two-Way Media Converter						
P/N	Wavelength (mm)	Optical Port	Electric Port	Optical Power (dBm)	Receiving Sensitivity (dBm)	Transmission Range (km)
8110MB-2F-3S	1,310	SC	RJ-45	-20~-15	≤-34	2
8110MB-2F-5S	1,550	SC	RJ-45	-20~-15	≤-34	2
8110SB-10F-3S	1,310	SC	RJ-45	-15~-8	≤-34	10
8110SB-10F-5S	1,550	SC	RJ-45	-15~-8	≤-34	10
8110SB-20F-3S	1,310	SC	RJ-45	-15~-3	≤-34	20
8110SB-20F-5S	1,550	SC	RJ-45	-15~-3	≤-34	20
8110SB-40F-3S	1,310	SC	RJ-45	-8~-3	≤-34	40
8110SB-40F-5S	1,550	SC	RJ-45	-8~-3	≤-34	40
8110SB-60F-3S	1,310	SC	RJ-45	-5~0	≤-34	60
8110SB-60D-5S	1,550	SC	RJ-45	-5~0	≤-34	60
8110SB-80D-3S	1,310	SC	RJ-45	0~5	≤-34	80
8110SB-80D-5S	1,550	SC	RJ-45	-5~0	≤-34	80
8110SB-100D-5S	1,550	SC	RJ-45	-3~3	≤-36	100
8110SB-100D-4S	1,490	SC	RJ-45	-3~3	≤-36	100
8110SB-120D-5S	1,550	SC	RJ-45	0~5	≤-36	120
8110SB-120D-4S	1,490	SC	RJ-45	0~5	≤-36	120