



4N-101GSW-20A

2-port 10/100/1000M WDM Media Converter

Key Features



Model	4N-101GSW-20A	
Interface Characteristics		
Fixed Port	1* 10/100/1000Base-T RJ45 port 1* 1000Base-X uplink SC fiber port	
Ethernet Port	10/ 100/ 1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-T: Cat5e or later UTP(≤100 meter) 1000BASE-T : Cat5e or later UTP(≤100 meter)	
Optical Port	Default optical module is single-mode single-fiber 20km, SC port	
Wavelength/Distance	A-end: RX1310nm / RX1550nm 0 ~ 20KM	
	B-end: RX1550nm/ RX1310nm 0 ~ 20KM	
	A-end: RX1490nm / RX1550nm 0 ~ 120KM	
	B-end: RX1550nm/ RX1490nm 0 ~ 120KM	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3u 100Base-FX, IEEE802.3x IEEE802.3ab 1000Base-T ; IEEE802.3z 1000Base-X ;	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	4Gbps	
Buffer Memory	3Mpps	
MAC	2K	
LED Indicator	Fiber	FX(green)
	rate	SD/SPD1 (green) SPD2: 100/ 1000 (green)
	Data	TX/TP(green)
	Single / duplex	FDX (green)
	Power	PWR (green)
Power		
Working Voltage	AC:100-240V	
Power Consumption	Standby<1W, Full load<5W	
Power Supply	DC:5V/2A industrial power supply	
Lightning protection &Certification		
Lightning protection	Lightning protection: 4KV 8/20us, Protection level: IP30	
Certification	CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS	
Physical Parameter		
Operation TEMP	-20~+55°C;5%~90% RH Non condensing	
Storage TEMP	-20~+75°C;5%~95% RH Non condensing	
Dimension (L*W*H)	94mm* 71mm*27mm	
Installation	Desktop, 4N-2U14 slot rack	