

## WN-5211 Series

### Gigabit Media Converter Single Fiber

### Technical Specification



### Key Features

- ▶ 10/100/1000Base-TX to 1000Base-FX Converter
- ▶ Standard: IEEE802.3, IEEE802.3U, 1000Base-TX, 1000Base-FX
- ▶ One 1000Mbps Ethernet port
- ▶ One SFP slot for Gigabit Ethernet link
- ▶ Auto MDI/MDI-X support on RJ45 port
- ▶ Flow control: IEEE802.3x flow control for duplex mode, Backpressure flow control flow control for half duplex mode.
- ▶ Status LEDs for easy monitoring of device status
- ▶ Extends distance up to 550m (1,650ft) for multi-mode fiber module, 110km (317,625ft) for single-mode fiber module.

### Overview

The WN-5211 Series Gigabit Ethernet Media Converter series are designed to meet the massive need for network deployment and able to extend a copper base network via fiber cable to a maximum distance up to 80Km.

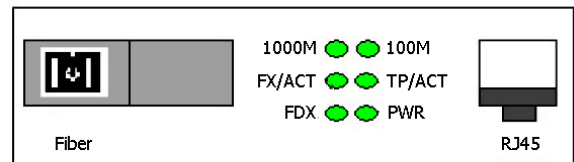
The WN-5211 Series Gigabit Ethernet Media Converter series are fully compliant with IEEE802.3, IEEE802.3, IEEE802.3U, 1000Base-Tx, 1000Base-Fx, standards, It can be installed into to standard Converter chassis.

### LED Indicators

LED	Function	Status	Description
PWR	Power LED	ON	Power is ON
		OFF	Power OFF
100M	Copper interface speed	ON	Copper port speed at 100M
		Blink	Fiber link Success
FX/ACT	Fiber interface link/ action status	ON	Fiber port transmit data
		OFF	Fiber link fail
1000M	Copper interface speed	ON	Copper port speed at 1000M
		Blink	Copper Fiber link Success
TP/ACT	UTP interface link/ action status	ON	Copper link fail
		OFF	Copper link fail
FDX	Copper interface duplex mode	ON	Full duplex
		OFF	Full duplex

Model	WN-5211 Series
<b>Standards</b>	
IEEE802.3	10BASE-T
IEEE802.3u	100BASE-TX
IEEE802.3z	1000BASE-FX
IEEE802.3x	Flow Control and Back pressure
IEEE802.3ad	Port trunk with LACP
IEEE802.1d	Spanning Tree Protocol
<b>Network Interface</b>	
RJ45 Port	1xRJ45, 10/100/1000Mbps, Auto-crossover (MDI/MDI-X), Auto-negotiate
Fiber Port	1xSFP 3.3V with LC/SC connector, 1000Base-FX
Max. Distance	UTP :
	Fiber :
1000 meters (Category 5 or better)	
500m for multi-mode fiber module	
110Km for single-mode fiber module	
<b>Optical Specification</b>	
Connector Type	LC/SC
Wavelength	850nm, 1310nm, 1550nm
Transmit Power	Max. -7(dBm); Min. -18(dBm)
Receive Sensitivity	-28(dBm)
System Budget	10dB
<b>Quality Assurance</b>	
Diagnostic LEDs	PWR, 1000M, 100M, FX/ACT, TX/ACT, FDX
Function Mode	Local Loop Back Test, Remote Loop Back Test, Link Fault Signaling
MTBF	MTBF > 100,000 Hours
<b>Power</b>	
External Power Adapter	Input AC 120V-240V
Voltage Requirement	DC 5V 2000mA
Power Consumption	4.2W (ON)
<b>Operating Environment</b>	
Operating Temperature	-40°C ~ +60°C
Storage Temperature	-40°C ~ +70°C
Operating Humidity	10% ~ 90% RH (no condensation)
Storage Humidity	10% ~ 90% RH (no condensation)
<b>Mechanical</b>	
Dimensions	95mm. x 71mm. x 26mm. (W x D x H)
Weight	800g.
<b>Certification &amp; Compliance</b>	
Safety	UL
Regulation	FCC part 15 Class A, CE EMC Class A
Green Product	RoHS

### Front panel



### Rear panel

