

# Product Information

## MX6026-2G Series

24+2G Port Rackmount Managed IEC61850 Ethernet switches



## Features

- ❖ IEC 61850-3, IEEE 1613 (power substations) compliant
- ❖ Up to 24 10/100Mbps Copper Ports and 12 100Mbps optical fiber Ports
- ❖ Up to 2 Gigabit Combo Ports
- ❖ RingOn (recovery time < 15ms), RSTP for Network Redundancy
- ❖ SNMPv1/v2c/v3 for network management of different levels
- ❖ 100% Burn-in Test



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## Introduction

MX6026-2G series is designed to meet the requirements of substation automation system (IEC61850-3, IEEE1613), This series can be used to build high-performance Ethernet backbone network.

It has 120 v ~ 370 VDC or 85 v ~ 370 VAC, redundant power input function, increase the communication reliability, save the cost of wiring. In addition, the rack installation design makes network programming is easy, let you for substation installation up to 26 fast Ethernet front-end ports, maximum support 12 fiber ports and two Gigabit COMBO, provide great Flexibility.

## Specifications

<b>Technology</b>		Single Mode:	-8dBm
Standard :	802.3, 802.3u, 802.3x, 802.1p, 802.1Q	Max,TX	
Processing Type :	Store and forward	Single Mode:	-2dBm
MAC Address:	8K	RX Sensitivity:	<-24dBm
Management :	CLI/ Web Browser	<b>Power Requirements</b>	
RingOn™:	Recovery Time within 15ms	Input Voltage :	120V~370VDC; 85V~264VAC
Flow Control :	Full Duplex Flow Control, Half Duplex Back Pressure Control	Input Connection :	Grid panel terminal blocks
Protocols :	IGMP Snooping, GMRP, SNMPv1/v2c/v3, DHCP Client, HTTP, HTTPS, NTP Client	<b>Mechanical Characters</b>	
<b>Interface</b>		Package:	IP40, Metal Case
RJ45 Port :	10/100BaseT(X)or 10/100/1000BaseT(X)auto negotiation	Dimension(W×H×D):	443×44×260mm
Fiber Port :	100BaseFX (SC/ST connector) and 1000BaseSFP Slot	Installation:	Rack mounting
LED Indicators:	Power, Port Status, 10/100M/1000M, 1000M (COMBO)	<b>Environment Limits</b>	
Console port :	DB9 male	Operating Temp. :	-40°C~85°C
Output Warning :	Relay, Standard 2 Pin	Storage Temp. :	-40°C~85°C
<b>Optical Fiber</b>		Ambient Relative Humidity :	5~95°C
100BaseFX		<b>Standards and Certifications</b>	
Distance:		EMI:	FCC Part 15. CISPR(EN55022) class A
Multi-mode :	2km, 1310nm(62.5/125µm)		EN61000-4-2(ESD), Level 3
Single Mode:	20km, 1310nm(9/125µm)		EN61000-4-3(RS), Level 3
Min,TX			EN61000-4-4(EFT), Level 3
Multi-mode :	-20dBm		EN61000-4-5(Surge), Level 3
Single Mode:	-15dBm	EMS:	EN61000-4-6(CS), Level 3
Max,TX			EN 61000-4-11, Level 3
Multi-mode :	-10dBm		CISPR 22 Radiated, Level 3
Single Mode:	-8dBm		CISPR 22 Conducted, Level 3
RX Sensitivity:	< -32dBm(Single Mode/Multi-mode)		ANSIC63.4, Level 3
<b>1000Base-LX</b>		<b>Warranty</b>	
Distance:		Warranty Period :	3 years
Single Mode:	20km, 1310nm(9/125µm)		
Min,TX			

## 订购信息

MX6026-2G-VHW	Rackmount Managed, 24 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-2SC-VHW	Rackmount Managed, 22 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 2 x 100Mbps Fiber Port, Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-2SSC-VHW	Rackmount Managed, 22 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 2 x 100Mbps Fiber Port, Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-4SC-VHW	Rackmount Managed, 20 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 4 x 100Mbps Fiber Port, Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-4SSC-VHW	Rackmount Managed, 20 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 4 x 100Mbps Fiber Port, Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-6SC-VHW	Rackmount Managed, 18 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 6 x 100Mbps Fiber Port, Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-6SSC-VHW	Rackmount Managed, 18 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 6 x 100Mbps Fiber Port, Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-8SC-VHW	Rackmount Managed, 16 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 8 x 100Mbps Fiber Port, Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-8SSC-VHW	Rackmount Managed, 16 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 8 x 100Mbps Fiber Port, Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-10SC-VHW	Rackmount Managed, 14 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 10 x 100Mbps Fiber Port, Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-10SSC-VHW	Rackmount Managed, 14 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 10 x 100Mbps Fiber Port, Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-12SC-VHW	Rackmount Managed, 12 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 12 x 100Mbps Fiber Port, Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-12SSC-VHW	Rackmount Managed, 12 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 12 x 100Mbps Fiber Port, Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC