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# 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 |