

## MSP 209 – Quick Start

**NOTE** For full installation, configuration, and operation details, refer to the MSP 209 user manual, which is available at [www.rgblink.com](http://www.rgblink.com).

This guide provides quick start instructions for an experienced installer to set up and operate the MSP 209.

**IMPORTANT**  
Refer to [www.rgblink.com](http://www.rgblink.com) for the complete user manual and installation instructions before connecting the product to the power source.

### Overview

MSP 209 supports one channel media conversion between 1000Base-T and 1000Base-LX through SC type interface. MSP 209-GX00/ MSP 209-GX01, this empowers the installers the flexibility in fiber-optic networking. To centralize the fiber-optic network installation, the MSP209-GX00/ MSP 209-GX01 can be used as standalone units or as a slide-in module to the PLANET intelligent Media Converter Chassis As MSP 209-GX00/ MSP 209-GX01 fully complies with IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-LX, using the Gigabit media conversion is quite quick and easy by simply plug and play.

### Installing the Converter



### Front View of Gigabit Converter

TP 100	Lit when TP speed is 100Mbps
TP 1000	Lit when TP speed is 1000Mbps
TP TX	Lit when TP data is transmitting
TP RX	Lit when TP data is receiving
FX LINK	Lit when Fiber cable connection is good. Blinks when any FX traffic is present.
PWR	Lit when +5V power is coming up.

### LAN(Ethernet) port

Use twist CAT5 cable to connect to LAN port, user can control VSP 526 based on default IP address: 192.168.0.100. User can also change the IP address by RS 232 or USB.

Twist CAT5 should be one end in T568A, and another end in T568B standard.

### Step 1

Attach fiber cable from the Converter to the fiber network. The fiber connections must be matched: transmit socket to receive socket.

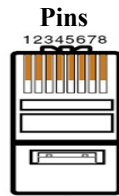
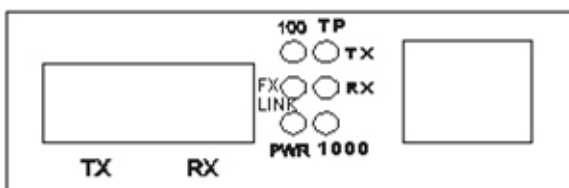
### Step 2

Attach a UTP cable from the TP network device to the RJ45 port on the Converter.

### Step 3

Connect the power cord to the Converter and check that the Power LED lights up. The TP Act and FX Act LEDs will light when all the cable connections satisfactory.

### LED Description



Insert Twisted Pair Wires  
RJ-45 Connector

Pin	Crossover Cable	
	End 1 Wire color	End 2 Wire color
1	White-green	White-orange
2	Green	Orange
3	White-orange	White-green
4	Blue	Blue
5	White-blue	White-blue
6	Orange	Green
7	White-brown	White-brown
8	Brown	Brown

**T568A                      T568B**

CAT5 is wired as T568A at one end and T568B at the other(Tx and Rx pairs reversed) is crossover.

**NOTE** Optical fiber parameters and technical detail please check the user manual parts 4.0 and 5.0.