



NV-100SFP-M&S SFP Transceiver  
**Long Reach Ethernet over VDSL2 SFP**  
Quick Start Guide

# Introduction

Thank you for choosing Netsys NV-100SFP-M/S VDSL2 SFP Transceiver. This Guide will provide you a quick overview with layout of this SFP Transceiver and description for how to install the device in your network.

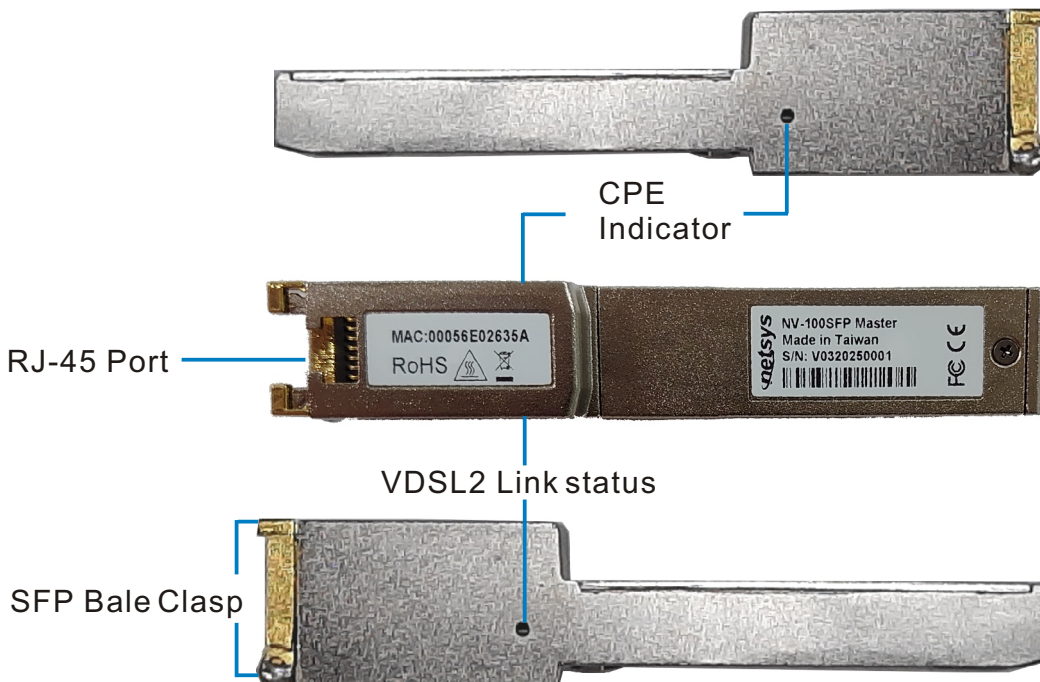
## Product content

VDSL2 SFP Transceiver X1:



## Hardware Overview

Interface & LED indicator



Interface	Description	
RJ-45Port	Port for VDSL2 connection, fits to RJ-45 Plug.	
CPE Indicator	On	The SFP Transceiver is NV-100SFP-S Model.
	Off	The SFP Transceiver is NV-100SFP-M Model.
VDSL2 Link Status	On (Steady)	VDSL2 connection is active.
	Blinking (Slowly)	Auto-detection between CO and CPE device is running.
	Blinking (Fast)	1. Auto-detection between CO and CPE device is finished and ready to connect. 2. Device is transmitting or receiving data.
	Off	VDSL2 connection is down or malfunction happened.
SFP Bale Clasp	Pivot this mechanical to loosen SFP module from SFP slot.	



**Note:** Standard 24-AWG wire or Cat5e cable is recommended for VDSL2 connection.



**Note:** To establish VDSL2 connection, please make sure both CO & CPE device are connected to each side of wire.



**Note:** The VDSL2 data transmission will utilize PIN 4 & PIN5 on RJ-45 port.

# Installing

Insert the SFP Transceiver to compatible device



**Note:** The SFP Transceiver compatible to SFP slot which support 1000X/SerDes interface, please check compatibility before installation.



**Note:** Each SFP Transceiver require 2.4 Watt, please make sure the device with SFP slot could provide sufficient power output.

## Online Resources

Product information:

<http://www.netsys.com.tw/products/accessory/100SFP.htm>

Support: <http://www.netsys.com.tw/support.html>

Contact us: <http://www.netsys.com.tw/contact.html>



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