

SFP28-25G Series Fiber Transceiver



PLANET SFP28 25G fiber optic transceiver series is designed to work with PLANET products with 25G SFP28 interfaces. It provides a high-performance 25Gbps Ethernet network for enterprises, telecoms and ISPs. It is suitable for PLANET DCS-7342-48Y8C Layer 3 Managed Data Center Switch. The SFP28 series is also well applicable for data center cloud computing. The deployment distance can be extended from 100 meters (multi-mode, LC) to up to 10 kilometers (single-mode, LC).

These transceiver modules are compliant with the SFP Multisource Agreement (MSA) and hot pluggable. These modules offer an easy way to be installed in SFP MSA compliant ports at any time without the interruption of the host equipment operation.

The SFP28 series also supports SFP-DDM (Digital Diagnostic Monitor) function that greatly helps network administrator to easily monitor real-time parameters of the SFP, such as optical output power, optical input power, temperature, laser bias current, and transceiver supply voltage.

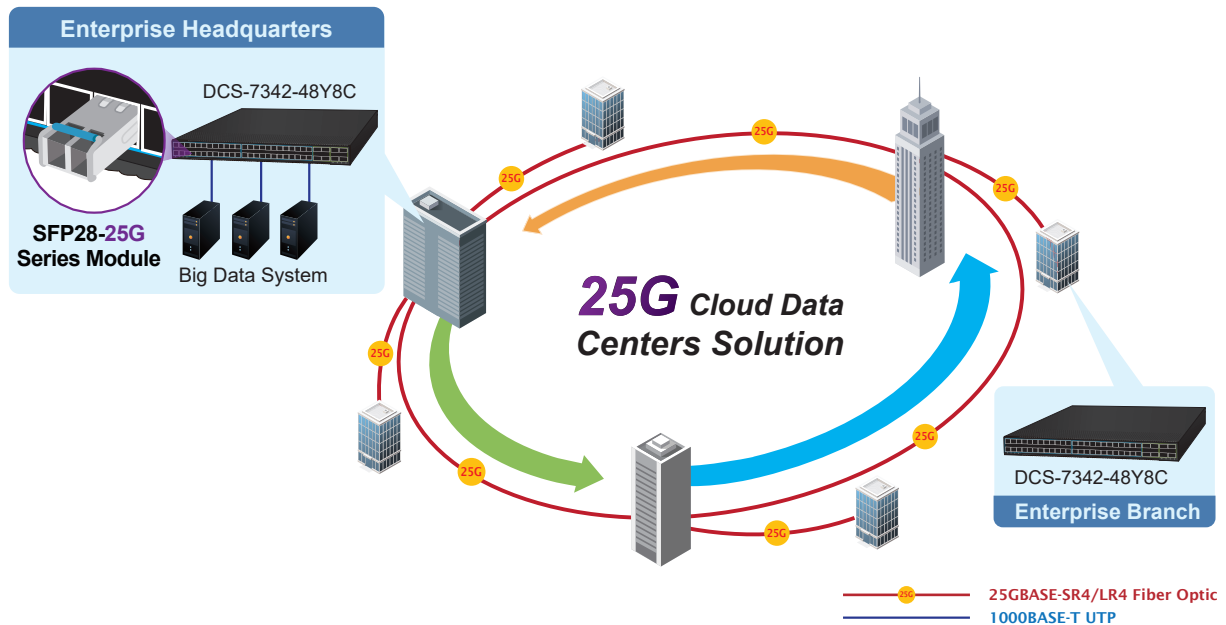
To meet the increasing demand of the data center Ethernet fiber solution, PLANET SFP28 25GBASE-SR/LR/BX transceiver series can operate reliably in a heavy Ethernet traffic and temperature range of 0 degrees C to 70 degrees C. The SFP28 transceiver series provides an easy and fast 25Gbps connection for PLANET DCS-7342-48Y8C Layer 3 Managed Data Center Switch and other switch equipment.

- Up to 25Gbps data links
- Duplex/Single LC connector
- Single power supply of 3.3V
- TTL signal detection indicator
- Hot pluggable
- Supports DDM (digital diagnostic monitoring)
- Operating temperature from 0 degrees C to 70 degrees C
- Monitoring interface compliant with SFF-8472
- Plug and Play configuration

Applications

Ideal 25G Fiber Optic Transceiver for Cloud Computing Data Centers

PLANET data center switch with SFP28 fiber optic SFP slots is deployed in a large cloud computing data center to handle the high demands of virtual machine migration, big data analytics, and real-time processing. The SFP28 25G fiber optic transceiver series provides 25Gbps bandwidth and it is well applicable for data center cloud computing. The deployment distance can be extended from 100 meters (multi-mode, LC) to up to 10 kilometers (single-mode, LC). It ensures high bandwidth and low latency, essential for efficient cloud operations.



Specifications

Model	SFP28-25G-SR
Package	SFP28
PHY Type	IEEE 802.3by 25 Gigabit Ethernet Standard
Fiber Type	Multi-mode
Connector	Dual LC/UPC
DDM	Yes
Wavelength	850nm
Maximum Distance	100m
Operating Temperature	0~70 degrees C
Model	SFP28-25G-LR
Package	SFP28
PHY Type	IEEE 802.3cc 25 Gigabit Ethernet Standard
Fiber Type	Single-mode
Connector	Dual LC/UPC
DDM	Yes
Wavelength	1310nm
Maximum Distance	10km
Operating Temperature	0~70 degrees C
Model	SFP28-25G-LA10
Package	SFP28
PHY Type	IEEE 802.3 cc 25 Gigabit Ethernet Standard
Fiber Type	Single-mode
Connector	Simplex LC/UPC
DDM	Yes
Wavelength	TX: 1270nm RX: 1330nm
Maximum Distance	10km
Operating Temperature	0~70 degrees C

Model	SFP28-25G-LB10
Package	SFP28
PHY Type	IEEE 802.3 cc 25 Gigabit Ethernet Standard
Fiber Type	Single-mode
Connector	Simplex LC/UPC
DDM	Yes
Wavelength	TX: 1330nm RX: 1270nm
Maximum Distance	10km
Operating Temperature	0~70 degrees C

Ordering Information

SFP28-25G-SR	25GBASE-SR SFP28 Fiber Transceiver (Multi-mode, 850nm, DDM, 0~70°C) - 100m
SFP28-25G-LR	25GBASE-LR SFP28 Fiber Transceiver (Single mode, 1310nm, DDM, 0~70°C) - 10km
SFP28-25G-LA10	25GBASE-BX SFP28 Fiber Transceiver (Single mode, WDM: TX 1270nm RX 1330nm, DDM, 0~70°C) - 10km
SFP28-25G-LB10	25GBASE-BX SFP28 Fiber Transceiver (Single mode, WDM: TX 1330nm RX 1270nm, DDM, 0~70°C) - 10km