

25G SFP28 Transceiver Module

Transceiver Module



Specification

SFP28 transceiver module complies with the SFP28 MSA SFF-8431, SFF-8432, IEEE802.3cc 25GBASE, and CPRI/eCPRI standards. The transmission rate is up to 25.78Gbps. It has the advantages of small size, low power consumption, and wide temperature range. It can transmit a distance of up to 40KM with FEC. It is designed for data center Ethernet, fiber storage, and 5G network CPRI/eCPRI applications.

Functions and features

- Compliant with SFF-8636, MSA and IEEE802.3bm
- Compliant with SFP28 MSA
- Rate up to 25.78Gb / s
- Transmission distance up to 40KM with FEC
- Single-mode, multi-mode, CWDM, DWDM multiple specifications are available
- Built-in digital diagnostic function (DDM)
- Working temperature: 0 °C ~ 70 °C
- RoHS-6 Compliant (Lead-free)
- High-speed access
- 25G Ethernet
- Mass storage interconnect
- 5G network front-end transmission interconnection

Parameters

| Model | Form Type | Wavelength | Rate | Cable Type | Interface | TX Power | Receiver Sensitivity | Distance | DDM |
|------------------|-----------|------------|--------|------------|-----------|-------------|----------------------|----------|--------|
| 25G SFP28 | | | | | | | | | |
| VSP(D)-CG8SR | SFP28 | 850nm | 25Gbps | MMF | LC | (-8~+2) dBm | ≤-10dBm | 100m | Yes/No |
| VSP(D)-CG3LR | SFP28 | 1310nm | 25Gbps | SMF | LC | (-7~+2) dBm | ≤-11dBm | 10km | Yes/No |
| VSP(D)-CG3ERE | SFP28 | 1310nm | 25Gbps | SMF | LC | (-3~+2) dBm | ≤-21dBm | 40km | Yes/No |
| VSP(D)-CGCLRD | SFP28 | CWDM | 25Gbps | SMF | LC | (-7~+4) dBm | ≤-14dBm | 10km | Yes/No |
| VSP(D)-CGDLRE | SFP28 | DWDM | 25Gbps | SMF | LC | (-3~+2) dBm | ≤-14dBm | 10km | Yes/No |