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Chengdu Superxon Communication Technology Company

SFP28 25G WDM Transceivers Release

In February 2021, Chengdu Superxon Communication Technology Co., Ltd releases a full series of SFP28 25G WDM optical transceivers (Including CWDM /MWDM /LWDM /DWDM) which has independent intellectual property rights.

These products can meet various 5G WDM networks of operators.



Figure 1 25G SFP28



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SFP28 25G WDM ---Product Catalog

SFP28 25G WDM Product Catalog:

Product	Part No./	Rate	Wavelength	Distance	Connector	Temp
SFP28 CWDM	SO01CWFF-PLGA-xx	25GbE/CPRI	CWDM	10km	LC	C, E
SFP28 MWDM	SO01CWFF-PLIGC-x	25GbE/CPR	MWDM ^{NOTE1}	10km	LC	C, I
SFP28 LWDM	SO01LLFF-PLIGC-x	25GbE/CPR	LWDM ^{NOTE2}	10km	LC	C, I
SFP28 DWDM	SO01D1FF-PLIGA-xxx	25GbE/CPRI	DWDM	10km	LC	C, I

Note1: MWDM Wavelengths includes 1267.5/1274.5/1287.5/1294.5/1307.5/1314.5/1327.5/1334.5/1347.5/1354.5/1367.5/1374.5nm;

Note2: LWDM Wavelengths includes 1269.23/1273.54/1277.89/1282.26/1286.66/1291.10/1295.56/1300.05/1304.58/1309.14/1313.73/1318.35nm.



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SFP28 25G WDM

---Products Introduction

New products introduction:

1. 25G CWDM:

Optical module which uses non-cooled DFB laser, is mature and low cost solution.

2. 25G MWDM:

Optical module is suitable for MWDM network proposed by China Mobile. Based on the first six wavelengths of 25G CWDM, achieves 12 wavelengths application by TEC controller and meets commercial and industrial grade requirement. Combined with "Operation Administration and Maintenance" (hereinafter referred to as "OAM") technology, this product supports OAM function to monitor, control the module and update software remotely.

3. 25G LWDM:

Optical module is suitable for LWDM network proposed by China Telecom. There are 12 wavelengths with 800GHz grid and work at zero dispersion point nearly. OAM function is included.

4. 25G DWDM:

Optical module is suitable for 5G front-haul network. It supports 21~60ch and the maximum power consumption is less than 2.0W. Its transmission distance is up to 10 km and can meet commercial and industrial grade temperature Requirement.

SFP28 25G WDM

---More Detailed Information

For more detailed information, welcome to visit our website and Contact us!

Contact Us

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