

## X2 modules

### Description:

X2 is more compact module than XENPAK and is focused on second generation 10 Gb enterprise, storage and telecom applications that do not require the thermal capacity provided by XENPAK.

Modules offer customers diverse application of 10 Gigabit Ethernet transmission systems applications. X2 module's transmitting distance is from 300M multimode up to 80KM single mode. X2 module supports 0°C to 70°C operating case temperature and the digital optical monitoring capability. Module is SC duplex/simplex receptacle package and X2 MSA and RoHS compliant.

### Features:

- Compatible with X2 MSA Rev2.0b
- Support of IEEE 802.3ae 10GBASE-LR at 10.3125Gbps
- Transmission Distance up to 80km (SMF)
- SC Duplex Optical Connector
- Hot Pluggable 70-PIN Connector with XAUI Electrical Interface
- Management and control via MDIO 2-wire interface
- Power Supply :+3.3V, APS(+1.2V)
- Diagnostic Optics Monitoring
- Temperature Range: 0-70°C
- RoHS Compatible



| Part number                                | Data rate | Media type | Wavelength | Connector | Distance |
|--|-----------|------------|------------|-----------|----------|
| <b>Optical 10G double fiber X2 modules</b> |           |            |            |           |          |
| X2*2F10GM853                               | 10 G      | MMF        | 850        | SC Duplex | 300 m    |
| X2*2F10GM132                               | 10 G      | MMF        | 1310       | SC Duplex | 220 m    |
| X2*2F10GS1310                              | 10 G      | SMF        | 1310       | SC Duplex | 10 km    |
| X2*2F10GS1540                              | 10 G      | SMF        | 1550       | SC Duplex | 40 km    |
| X2*2F10GS1580                              | 10 G      | SMF        | 1550       | SC Duplex | 80 km    |

\* H – HP; C- Cisco; I – Intel compatible. Usually all other vendors are compatible with Cisco configuration.

