

## X2-10GB-LR X2-10GBASE-LR 1310NM

## X2-10GB-SR X2-10GBASE-SR 850NM

### 10KM REACH



The X2-10GB-LR is a highly integrated, Serial optical transponder module for high-speed, 10Gbit/s data transmission applications. 4x3.125Gbps Ethernet Signal Input by XAUI Interface. An integrated Coder / Decoder and multiplexer / demultiplexer (SERDES: Serializer / Deserializer). Designing for 10km Transmission with an uncooled directly modulated 1310nm DFB Laser. Digital diagnostics functions are available via a 2-wire serial interface, as specified in the XENPAK MSA 3.0.

### 300M REACH



high-speed, 10Gbit/s data transmission applications. 4x3.125Gbps Ethernet Signal Input by XAUI Interface. An integrated Coder / Decoder and multiplexer / demultiplexer (SERDES: Serializer / Deserializer). Designing for 300m Transmission with a vertical cavity surface emitting laser (VCSEL). Digital diagnostics functions are available via a 2-wire serial interface, as specified in the XENPAK MSA 3.0.

#### APPLICATIONS

- » 10GE Ethernet switches and routers
- » 10GE Core-routers
- » 10GE Storage
- » Other 10Gbps Ethernet Transmission System

#### APPLICATIONS

- » 10GE Ethernet switches and routers
- » 10GE Core-routers
- » 10GE Storage
- » Other 10Gbps Ethernet Transmission System

#### FEATURES

- » Compatible with X2 MSA Rev2.0b
- » Support of IEEE 802.3ae 10GBASE-LR at 10.3125Gbps
- » Transmission Distance up to 10Km(SMF)
- » SC Receptacle 1310nm DFB Laser
- » 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

#### FEATURES

- » Compatible with X2 MSA Rev2.0b
- » Support of IEEE 802.3ae 10GBASE-SR at 10.3125Gbps
- » Transmission Distance up to 300m (MMF)
- » Vertical Cavity Surface Emitting Laser at 850nm
- » 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

Product Description

Part Number

Product Description

F0-X2-10GB-LR 1310nm, 10.3125Gbps, 10Km, 0°C ~ +70°C

F0-X2-10GB-SR 850nm, 10.3125Gbps, 300m(OM3 MMF), 0°C ~ +70°C

