# NETWORK DISTRIBUTORS

**Base Part Number**          X2-LR

# Product Features

- Form Factor          X2
- Speed          10.3 Gbps
- Distance          10km
- Operating Temperature          Commercial: 0°C to +70°C
- Connector Type          Duplex SC
- Fiber Type          SMF

## Brand Compatibility

## Applications

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

## OEM Equivalent Part Number

## Key Specifications

| Part Type | Max Data Rate | Fiber Type | Transmitter | Output Power | Receiver Sensitivity | Power Supply | Power Dissipation | DDM |
|-----------|---------------|------------|-------------|--------------|----------------------|--------------|-------------------|-----|
| X2-LR | 10.3 Gbps | SMF | 1310nm DFB | -8.2 to .5dBm | -10.3dBm | 3.3V | 3.5W | Yes |

## Compliance

MSA

## Qualifications and Testing

- **Manufacturer:** OEM equivalent part; designed, tested, fabricated to supplier specifications following ISO certified processes.  RoHS compliant & class 1 laser certified.
- **Supplier:** 100% compatibility tested in the listed brands.
- **Order:** All parts are tested for traffic functionality per supported layer 2/3 protocol, DOM/DDM threshold and calibration, EEPROM MSA value verification, serial number verification & optical cleanliness.

## Warranty

- Lifetime replacement warranty