

# XS+2733LC15D

## SFP28 modules



For 1G, 10G and even 25G networking!

⇄ BIDIRECTIONAL

SFP / SFP+ / SFP28

↻ 1270NM + 1330NM

↔ 15 km DATA LINK UP TO 15KM

## More features, higher distance, same price – the evolution of MikroTik SFP modules!

Kit contains two SFP28 modules that can be used as a pair to achieve operating data rate up to 25 Gbps for distances up to 15km on a single optical cable.

## Specifications

|              |                     |
|--------------|---------------------|
| Product code | XS+2733LC15D        |
| Format       | SFP / SFP+ / SFP28  |
| Connector    | Single LC connector |
| Mode         | Single mode         |
| Data Rate    | 1G / 10G / 25G      |
| Wavelength   | 1270nm + 1330nm     |
| Distance     | 15 km               |

| Electrical characteristics           | Min. | Max. | Unit | Note |
|--------------------------------------|------|------|------|------|
| <b>Receiver</b>                      |      |      |      |      |
| Receiver differential output voltage | 228  | 900  | mV   | 1    |
| Receiver LOS Load                    | 4.7  | 10   | kΩ   | 2    |
| LOS output Voltage-High              | -50  | 37.5 | uA   | 3    |
| LOS output Voltage-Low               | -0.3 | 0.4  | V    |      |

1. Internally AC coupled, but requires a 100 Ohm differential termination at or internal to Serializer/Deserializer.

2. Pull up to VCC on host Board

3. Follow SFF-8419

| Optical characteristics    | Min. | Max.  | Unit | Note |
|----------------------------|------|-------|------|------|
| <b>Transmitter</b>         |      |       |      |      |
| Output power               | -5.0 | 2.0   | dBm  |      |
| <b>Receiver</b>            |      |       |      |      |
| Receiver sensitivity (OMA) |      | -13.0 | dBm  |      |
| LOS-Deasserted (Avg.)      | -30  |       | dBm  |      |
| LOS-Asserted (Avg.)        | -30  | -17   | dBm  |      |
| LOS-Hysteresis             | 0.5  | 5.0   | dB   |      |