

MPN: MO-TEL-GEN-LX

# SFP 1 Gbps, SMF, 20 km, LC, Compatible with Teltonika SFP LX

Micro-Optics products provide seamless connectivity for all your current and future network hardware needs.

- **\*\*100% Teltonika Compatible\*\***



## Specifications

|                        |                                      |                      |
|------------------------|--------------------------------------|----------------------|
| Features               | Brand compatibility                  | Teltonika            |
|                        | Certification                        | MSA                  |
|                        | Compatible products                  | Teltonika TEL-GEN-LX |
|                        | Easy to install                      | Yes                  |
|                        | Form factor                          | SFP                  |
|                        | Plug and Play                        | Yes                  |
|                        | RoHS compliance                      | Yes                  |
| Legal Information      | Country of Origin                    | Japan                |
|                        | EU ECCN Code                         | N/A                  |
|                        | Tariff No.                           | 8517790000           |
|                        | UNSPSC Code                          | 43201553             |
|                        | US ECCN Code                         | 5A992                |
| Operational conditions | Maximum operating temperature        | 70 °C                |
|                        | Minimum operating temperature        | 0 °C                 |
|                        | Operating temperature (T-T)          | 0-70 °C              |
|                        | Storage relative humidity (H-H)      | 10 - 85 %            |
|                        | Storage temperature (T-T)            | -40 - 85 °C          |
| Package dimensions     | Gross Weight (Package, kg)           | 0.04 kg              |
| Packaging data         | Number of products included          | 1 pc(s)              |
| Performance            | Digital Diagnostics Monitoring (DDM) | Yes                  |
|                        | Duplex system                        | Full                 |
|                        | Fiber optic connector                | LC                   |
|                        | Fiber ports quantity                 | 1                    |
|                        | Interface type                       | SFP                  |

|                    |                                         |             |
|--------------------|-----------------------------------------|-------------|
| Performance        | Link budget                             | 15 dB       |
|                    | Maximum data transfer rate              | 1000 Mbit/s |
|                    | Maximum transfer distance               | 20000 m     |
|                    | Maximum transfer distance (Single-mode) | 20000 m     |
|                    | Multi-mode fiber (MMF) supported        | No          |
|                    | SFP transceiver standard                | LX          |
|                    | SFP transceiver type                    | Fiber optic |
|                    | Single-mode fiber (SMF) supported       | Yes         |
|                    | Wavelength                              | 1310 nm     |
| Product dimensions | Net Weight (Product, kg)                | 0.04 kg     |
|                    | Product Depth                           | 6.5 cm      |
|                    | Product Height                          | 2.3 cm      |
|                    | Product Width                           | 10.7 cm     |
| Vendor information | Brand Name                              | Lanview     |
|                    | Warranty                                | 5 Year(s)   |

## Other products in this series

| Maximum transfer distance | ADVA          | Alcatel-Lucent   | Allied Telesis | Arista         |
|---------------------------|---------------|------------------|----------------|----------------|
| 100                       | MO-0061705890 | MO-A-ST1         |                | MO-AR-SFP-1G-T |
| 300                       |               | MO-SFP-10G-SR-AL |                |                |
| 500                       |               |                  |                |                |
| 550                       |               | MO-SFP-GIG-SX    | MO-AT-SPSX     | MO-SFP-1G-SX-A |
| 2000                      |               | MO-SFP-GIG-EXTND | MO-AT-SPEX     |                |
| 3000                      |               |                  |                |                |
| 10000                     |               |                  |                | MO-SFP-1G-LX-A |
| 20000                     |               | MO-SFP-GIG-BX-D  | MO-AT-SPLX10/I |                |
| 30000                     |               |                  |                |                |
| 40000                     |               | MO-SFP-GIG-LH40  | MO-AT-SPLX40   |                |
| 50000                     |               |                  |                |                |
| 80000                     |               | MO-GLC-ZX-SMD    |                |                |
| 100000                    |               |                  |                |                |
| 120000                    |               |                  |                |                |

| Maximum transfer distance | Aruba Networks           | ATEN             | Avaya           | Axis     |
|---------------------------|--------------------------|------------------|-----------------|----------|
| 100                       |                          |                  |                 | MO-T8613 |
| 300                       |                          |                  |                 |          |
| 500                       |                          |                  |                 |          |
| 550                       |                          | MO-2A-136G-2PACK | MO-AA1419048-E6 |          |
| 2000                      | MO-SFP2225HP             |                  |                 |          |
| 3000                      |                          |                  |                 |          |
| 10000                     | MO-CDL10JD098B           |                  | MO-AA1419015    |          |
| 20000                     | MO-SFP-ARUBA-BXU 20-1310 |                  |                 |          |
| 30000                     |                          |                  |                 |          |
| 40000                     |                          |                  |                 |          |
| 50000                     |                          |                  |                 |          |
| 80000                     | MO-P-S55122-3CL80        |                  |                 |          |
| 100000                    |                          |                  |                 |          |
| 120000                    |                          |                  |                 |          |

| Maximum transfer distance | BOSCH                      | Brocade                 | Cambium Networks | Cisco             |
|---------------------------|----------------------------|-------------------------|------------------|-------------------|
| 100                       |                            | MO-E1MG-TX              |                  | MO-SFP-FB-GE-T    |
| 300                       |                            |                         |                  |                   |
| 500                       |                            |                         |                  |                   |
| 550                       |                            | MO-E1MG-SX-OM-T         |                  | MO-MA-SFP-1GB-SX  |
| 2000                      | MO-EX-BOSCH-SFP-1<br>FE-FX | MO-BR-E1MG-100FX-<br>OM |                  | MO-SFP-GE-S-2     |
| 3000                      |                            |                         |                  | MO-GLC-BX03-U     |
| 10000                     |                            |                         |                  | MO-APSB53123CDL20 |
| 20000                     |                            | MO-BR-E1MG-BXD          | MO-CM-SFP-1G-LX  | MO-C-S31121-3IL20 |
| 30000                     |                            |                         |                  |                   |
| 40000                     |                            | MO-E1MG-100FX-LR-<br>OM |                  | MO-GLC-BX40-U-I   |
| 50000                     |                            |                         |                  |                   |
| 80000                     |                            | MO-BR-E1MG-LHA-O<br>M   |                  | MO-C-GLC-ZX-SMD   |
| 100000                    |                            |                         |                  |                   |
| 120000                    |                            | MO-BR-E1MG-LHB          |                  | MO-GLC-EZX-SM-120 |

| Maximum transfer distance | D-Link        | Dell         | Digitus     | Enterasys               |
|---------------------------|---------------|--------------|-------------|-------------------------|
| 100                       | MO-DGS-712    | MO-SFP2242D  |             |                         |
| 300                       |               |              |             |                         |
| 500                       |               | MO-SFP2173DL |             |                         |
| 550                       | MO-SFP2229DL  | MO-407-BBOR  |             | MO-ENT-MGBIC-LC01       |
| 2000                      | MO-DEM312GT2  |              |             | MO-ENT-MGBIC-LC03       |
| 3000                      |               |              |             |                         |
| 10000                     | MO-DIS-S310LX | MO-331-5309  |             | MO-ENT-MGBIC-LC05       |
| 20000                     | MO-DEM-210    | MO-407-BBOO  | MO-DN-81001 | MO-ENT-MGBIC-BX10<br>-D |
| 30000                     |               |              |             |                         |
| 40000                     |               |              |             |                         |
| 50000                     |               |              |             |                         |
| 80000                     |               |              |             | MO-ENT-MGBIC-08         |
| 100000                    |               |              |             |                         |
| 120000                    |               |              |             |                         |

| Maximum transfer distance | Extreme Networks | Finisar          | Fortinet        | Generic            |
|---------------------------|------------------|------------------|-----------------|--------------------|
| 100                       | MO-10070H        | MO-FCLF8522P2BTL | MO-FG-TRAN-GC   |                    |
| 300                       |                  |                  |                 | MO-E-SFP-10G-SR    |
| 500                       |                  | MO-SFP2227       |                 |                    |
| 550                       | MO-10051         | MO-SFP2141F      | MO-FG-TRAN-SX-I | MO-G-SFP-FE-SX     |
| 2000                      | MO-10067         |                  |                 | MO-G-SFP-1G-LSX    |
| 3000                      |                  |                  |                 | MO-G-SFP-BX-D-3KM  |
| 10000                     | MO-10066         | MO-FTLF1318P3BTL | MO-SFP1G-LX-31  | MO-G-SFP-FE-LX     |
| 20000                     | MO-10056H        |                  |                 | MO-G-SFP-BX-D-20KM |
| 30000                     |                  |                  |                 |                    |
| 40000                     | MO-MGBIC-BX40-D  |                  |                 | MO-G-SFP-BX-D-40KM |
| 50000                     |                  |                  |                 |                    |
| 80000                     | MO-10053H        |                  |                 | MO-G-SFP-1G-ZX     |
| 100000                    |                  |                  |                 |                    |
| 120000                    |                  |                  |                 |                    |

| Maximum transfer distance | Goobay                 | H3C                   | Hikvision  | HP                     |
|---------------------------|------------------------|-----------------------|------------|------------------------|
| 100                       |                        |                       | MO-HK-1G-T | MO-P-ST1               |
| 300                       |                        |                       |            |                        |
| 500                       |                        |                       |            |                        |
| 550                       |                        | MO-H3-S85123-3CLM     |            | MO-SFP2171H            |
| 2000                      |                        |                       |            | MO-HP-SFP-1G-LSX       |
| 3000                      |                        |                       |            |                        |
| 10000                     |                        |                       |            | MO-J9142A-SC           |
| 20000                     |                        | MO-SFP-GE-LX-SM1310-A |            | MO-ARUBA-SFP-1G-BXU-20 |
| 30000                     |                        |                       |            |                        |
| 40000                     | MO-GENERIC-SFP-FE-EX-I |                       |            | MO-CDL40JD090A         |
| 50000                     |                        |                       |            |                        |
| 80000                     |                        |                       |            |                        |
| 100000                    |                        |                       |            | MO-CDLB2JD103A         |
| 120000                    |                        |                       |            |                        |

| Maximum transfer distance | HPE           | Huawei      | IBM                      | Intel              |
|---------------------------|---------------|-------------|--------------------------|--------------------|
| 100                       |               | MO-0231A085 | MO-00FE333               |                    |
| 300                       |               | MO-0231A0A6 |                          | MO-TXN31111        |
| 500                       |               |             |                          |                    |
| 550                       | MO-453151-B21 | MO-02315204 |                          | MO-E1GSFPSX-10PACK |
| 2000                      |               | MO-02315233 |                          |                    |
| 3000                      |               |             |                          |                    |
| 10000                     |               | MO-02310QBJ |                          |                    |
| 20000                     |               | MO-02315286 |                          | MO-TXN22120        |
| 30000                     |               |             |                          |                    |
| 40000                     |               | MO-02311BJC | MO-SFP-8GFC-CWDM-47-40-P |                    |
| 50000                     |               |             |                          |                    |
| 80000                     |               | MO-02317348 |                          |                    |
| 100000                    |               |             |                          |                    |
| 120000                    |               |             |                          |                    |

| Maximum transfer distance | Juniper               | M3 Mobile | Marconi   | MikroTik    |
|---------------------------|-----------------------|-----------|-----------|-------------|
| 100                       | MO-EX-SFP-1GE-T       |           |           |             |
| 300                       |                       |           |           |             |
| 500                       |                       |           |           |             |
| 550                       | MO-EX-SFP-1GE-SX      |           |           |             |
| 2000                      | MO-EX-SFP-1GE-FX      |           |           |             |
| 3000                      |                       |           |           |             |
| 10000                     | MO-APSP31B33CDL10     |           | MO-SU57AE |             |
| 20000                     | MO-NA-TRANS-SFP-LX    |           |           | MO-S35LC20D |
| 30000                     |                       |           |           |             |
| 40000                     | MO-EX-SFP-GE40KT13R15 |           |           |             |
| 50000                     |                       | MO-SU68AD |           |             |
| 80000                     | MO-EX-SFP-1GE-LH      |           |           |             |
| 100000                    |                       |           |           |             |
| 120000                    |                       |           |           |             |

| Maximum transfer distance | Moxa               | NETGEAR           | Palo Alto Networks | Planet         |
|---------------------------|--------------------|-------------------|--------------------|----------------|
| 100                       |                    | MO-AGM734         | MO-PAN-SFP-CG      | MO-MGB-GT      |
| 300                       |                    |                   |                    |                |
| 500                       | MO-SFP-GMM-550     |                   |                    |                |
| 550                       | MO-SFP-1GSXLC      | MO-G-S85123-3CLM  | MO-PAN-SFP-SX-I    | MO-MGB-TSX     |
| 2000                      | MO-SFP-1FEMLC-T    |                   |                    | MO-MFB-TFX     |
| 3000                      |                    |                   |                    |                |
| 10000                     | MO-MOXA-100BASE-LX |                   |                    | MO-MGB-LB10-SC |
| 20000                     |                    | MO-G-S31121-3CL10 |                    | MO-MGB-TLA20   |
| 30000                     |                    |                   |                    | MO-MGB-TL30    |
| 40000                     |                    |                   |                    |                |
| 50000                     |                    |                   |                    |                |
| 80000                     |                    |                   | MO-PAN-SFP-ZX      | MO-MGB-L80     |
| 100000                    |                    |                   |                    |                |
| 120000                    |                    |                   |                    |                |

| Maximum transfer distance | Ruckus Wireless         | Ruijie Networks               | Teltonika        | TP-Link        |
|---------------------------|-------------------------|-------------------------------|------------------|----------------|
| 100                       |                         |                               |                  |                |
| 300                       |                         |                               |                  |                |
| 500                       |                         |                               |                  |                |
| 550                       | MO-RUC-E1MG-SX-OM       |                               | MO-TEL-SFP-1G-SX |                |
| 2000                      | MO-RUC-E1MG-100FX-OM    |                               |                  |                |
| 3000                      |                         |                               |                  | MO-TL-SM321A-2 |
| 10000                     | MO-RUC-E1MG-BXU         | MO-RUIJIE-MINI-GBIC-LX-SM1310 |                  | MO-TL-SM311LS  |
| 20000                     | MO-E1MG-100FX-IR-OM     |                               | MO-TEL-GEN-LX    | MO-TL-SM321A   |
| 30000                     |                         |                               |                  |                |
| 40000                     | MO-RUC-E1MG-100FX-LR-OM |                               |                  |                |
| 50000                     |                         |                               |                  |                |
| 80000                     | MO-RUC-E1MG-LHA-OM-T    |                               |                  |                |
| 100000                    |                         |                               |                  |                |
| 120000                    |                         |                               |                  |                |

| Maximum transfer distance | Trendnet      | Ubiquiti Networks | Universal       | ZTE                        |
|---------------------------|---------------|-------------------|-----------------|----------------------------|
| 100                       |               |                   |                 |                            |
| 300                       |               |                   |                 |                            |
| 500                       |               |                   |                 |                            |
| 550                       |               | MO-UF-MM-1G       |                 |                            |
| 2000                      |               |                   |                 |                            |
| 3000                      |               | MO-UF-SM-1G-S-2   |                 |                            |
| 10000                     |               |                   | MO-E-1GB-LX-UNI |                            |
| 20000                     | MO-TEG-MGBS10 | MO-UF-SM-1G-LH    |                 | MO-SFP-GE-S20K-131<br>0D-C |
| 30000                     |               |                   |                 |                            |
| 40000                     |               |                   |                 |                            |
| 50000                     |               |                   |                 |                            |
| 80000                     |               |                   |                 |                            |
| 100000                    |               |                   |                 |                            |
| 120000                    |               |                   |                 |                            |

| Maximum transfer distance | ZyXEL                       |
|---------------------------|-----------------------------|
| 100                       | MO-91-010-172001B           |
| 300                       |                             |
| 500                       |                             |
| 550                       | MO-SFP-SX-D                 |
| 2000                      |                             |
| 3000                      |                             |
| 10000                     | MO-SFP-BX1490-10-D          |
| 20000                     | MO-SFP-BX1550-E-ZZ<br>BD01F |
| 30000                     |                             |
| 40000                     | MO-SFP-LHX1310-40-<br>D     |
| 50000                     |                             |
| 80000                     | MO-SFP-ZX-80-D              |
| 100000                    |                             |
| 120000                    |                             |