

CHINA-BASED OPTICAL CONNECTIVITY SUPPLY PARTNER

Optical Connectivity Product Catalogue

1G-400G transceivers, DAC/AOC, CWDM/DWDM, fibre assemblies and industrial optics - specified, validated and supplied with confidence.



2026 EDITION
Ming Hong Xin Fu Trading Co., Ltd.

A portfolio built around technical decisions

MingApex coordinates optical connectivity sourcing, platform compatibility, OEM execution and independent quality control from China. The catalogue is designed as a practical starting point; exact availability and specifications are confirmed against each RFQ.

01 Compatibility Host platform, line rate, reach, wavelength and connector are reviewed before quotation.	02 Validation Samples and project specifications can be checked before production commitment.
03 OEM & Private Label Labels, packaging, coding profiles and documentation can be coordinated.	04 Independent QC Production-lot checks and shipment records are structured in China.

Core applications

Data centres	Leaf-spine, top-of-rack, DCI, AI/cloud fabrics
Telecom & ISP	Access, aggregation, metro, wavelength expansion
Enterprise	Campus, server, storage and structured fibre
Industrial	Factory automation, utilities and wide-temperature networks

Core transceiver selection matrix

Published ranges below are portfolio guidance. Final wavelength, temperature grade, DOM/DDM, FEC and platform coding are confirmed per project.

SFP	1G	550 m-120 km	LC / BiDi	Access, enterprise
SFP+	10G	300 m-100 km	LC / BiDi	Enterprise, metro
SFP28	25G	100 m-40 km	LC / BiDi	5G, data centre
QSFP+	40G	100 m-40 km	MPO / LC	Aggregation
QSFP28	100G	100 m-80 km	MPO / LC	Spine-leaf, DCI
QSFP56	200G	100 m-10 km	MPO / LC	High-density DC
QSFP-DD	400G	100 m-40 km	MPO / LC	AI / cloud fabric

RFQ essentials

Host brand/model - existing part number - line rate - form factor - fibre type - reach - wavelength - connector - temperature grade - quantity - OEM/label requirements - target delivery.

01 100G QSFP28 Transceivers

100G SR4, CWDM4, LR4, ER4 and single-lambda solutions for leaf-spine and data-centre interconnect.



**100G QSFP28 CWDM4
2km LC Transceiver**

MHO-QSFP100-CWDM4
100G | 2 km | LC Duplex



**100G QSFP28 DR1 500m
LC Transceiver**

MHO-QSFP100-DR1
100G | 500 m | LC Duplex



**100G QSFP28 ER4 40km
LC Transceiver**

MHO-QSFP100-ER4
100G | 40 km | LC Duplex



**100G QSFP28 LR4 10km
LC Transceiver**

MHO-QSFP100-LR4
100G | 10 km | LC Duplex



**100G QSFP28 SR4 100m
MPO Transceiver**

MHO-QSFP100-SR4
100G | 100 m | MPO/MTP

02 10G SFP+ Transceivers

10G SR, LR, ER, ZR, BiDi and wavelength-specific modules for enterprise and metro networks.



**10G SFP+ 1310nm LR
10km LC Transceiver**

MHO-SFP10-LR
10G | 10 km | LC Duplex



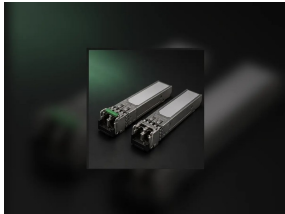
**10G SFP+ 1550nm ER
40km LC Transceiver**

MHO-SFP10-ER
10G | 40 km | LC Duplex



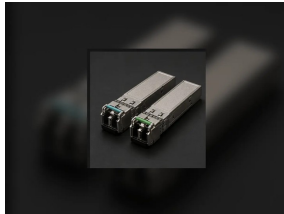
**10G SFP+ 1550nm ZR
80km LC Transceiver**

MHO-SFP10-ZR
10G | 80 km | LC Duplex



**10G SFP+ 850nm SR
300m LC Transceiver**

MHO-SFP10-SR
10G | 300 m | LC Duplex



**10G SFP+ BiDi 20km LC
Transceiver Pair**

MHO-SFP10-BIDI
10G | 20 km | LC Simplex



**10G SFP+ CWDM 40km
Transceiver**

MHO-SFP10-CWDM
10G | 40 km | LC Duplex

03 200G & 400G Transceivers

QSFP56 and QSFP-DD optical modules for AI, cloud, spine-leaf and data-centre interconnect.



**200G QSFP56 FR4 2km
LC Transceiver**

MHO-QSFP56-FR4
200G | 2 km | LC Duplex



**200G QSFP56 SR4 100m
MPO Transceiver**

MHO-QSFP56-SR4
200G | 100 m | MPO/MTP



**400G QSFP-DD DR4
500m MPO Transceiver**

MHO-QSFPDD-DR4
400G | 500 m | MPO/MTP



**400G QSFP-DD FR4 2km
LC Transceiver**

MHO-QSFPDD-FR4
400G | 2 km | LC Duplex



**400G QSFP-DD LR4 10km
LC Transceiver**

MHO-QSFPDD-LR4
400G | 10 km | LC Duplex



**400G QSFP-DD SR8
100m MPO Transceiver**

MHO-QSFPDD-SR8
400G | 100 m | MPO/MTP

04 25G SFP28 Transceivers

25G optics for server access, 5G fronthaul, enterprise and metro applications.



**25G SFP28 1310nm LR
10km LC Transceiver**

MHO-SFP28-LR
25G | 10 km | LC Duplex



**25G SFP28 850nm SR
100m LC Transceiver**

MHO-SFP28-SR
25G | 100 m | LC Duplex



**25G SFP28 BiDi 10km LC
Transceiver Pair**

MHO-SFP28-BIDI
25G | 10 km | LC Simplex



**25G SFP28 ER 40km LC
Transceiver**

MHO-SFP28-ER
25G | 40 km | LC Duplex

05 40G QSFP+ Transceivers

40G SR4, LR4, ER4, PSM4 and BiDi optical modules for aggregation and data-centre networks.



40G QSFP+ ER4 40km LC Transceiver

MHO-QSFP40-ER4
40G | 40 km | LC Duplex



40G QSFP+ LR4 10km LC Transceiver

MHO-QSFP40-LR4
40G | 10 km | LC Duplex



40G QSFP+ PSM4 10km MPO Transceiver

MHO-QSFP40-PSM4
40G | 10 km | MPO/MTP



40G QSFP+ SR4 150m MPO Transceiver

MHO-QSFP40-SR4
40G | 150 m | MPO/MTP

06 CWDM & DWDM Solutions

Wavelength optics, mux/demux, OADM and passive transport components for fibre capacity expansion.



40-Channel DWDM Mux/Demux Module

MHO-DWDM-MUX40
40 channels | Protocol transparent
| LC/SC

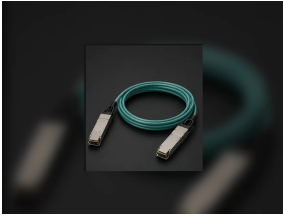


8-Channel CWDM Mux/Demux Module

MHO-CWDM-MUX8
8 channels | Protocol transparent |
LC/SC

07 DAC & AOC Cables

Passive DAC, active DAC, AOC and breakout assemblies for short-reach, high-density connections.



100G QSFP28 Active Optical Cable

MHO-AOC-100G
100G | 1–100 m | Fixed optical



100G QSFP28 Passive DAC Cable

MHO-DAC-100G
100G | 0.5–5 m | Twinax



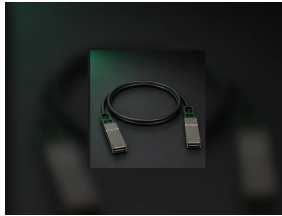
10G SFP+ Passive DAC Cable

MHO-DAC-10G
10G | 0.5–7 m | Twinax



25G SFP28 Passive DAC Cable

MHO-DAC-25G
25G | 0.5–5 m | Twinax

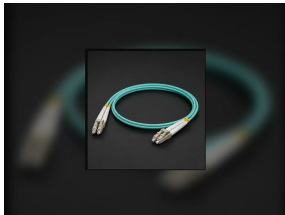


400G QSFP-DD Passive DAC Cable

MHO-DAC-400G
400G | 0.5–3 m | Twinax

08 Fibre Cable Assemblies

MPO/MTP trunks, breakouts, LC patch cords and structured fibre assemblies.



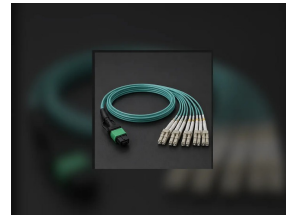
LC Duplex Fibre Patch Cord

MHO-LC-PATCH
1G-400G | Custom length | LC
Duplex



MPO/MTP Fibre Trunk Assembly

MHO-MPO-TRUNK
40G-400G | Custom length |
MPO/MTP



MPO/MTP to LC Breakout Assembly

MHO-MPO-BREAKOUT
40G-400G | Custom length | MPO
to LC

09 Industrial Optical Networking

Wide-temperature optical modules and hardened connectivity for industrial networks.



**Industrial 10G SFP+ LR
10km Transceiver**

MHO-IND-SFP10-LR
10G | 10 km | LC Duplex



**Industrial 1G SFP LX
10km Transceiver**

MHO-IND-SFP-LX
1G | 10 km | LC Duplex

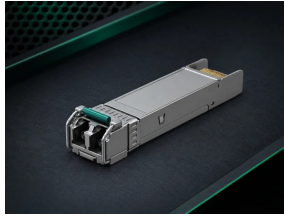
10 SFP Transceivers

1G SFP optical transceivers for enterprise, access, telecom and industrial networks.



**1G Copper SFP RJ45
100m Module**

MHO-SFP-RJ45
1G | 100 m | RJ45



**1G SFP 1310nm EX 40km
LC Transceiver**

MHO-SFP-EX
1G | 40 km | LC Duplex



**1G SFP 1310nm LX 10km
LC Transceiver**

MHO-SFP-LX
1G | 10 km | LC Duplex



**1G SFP 1550nm ZX 80km
LC Transceiver**

MHO-SFP-ZX
1G | 80 km | LC Duplex



**1G SFP 850nm SX 550m
LC Transceiver**

MHO-SFP-SX
1G | 550 m | LC Duplex



**1G SFP BiDi 20km LC
Transceiver Pair**

MHO-SFP-BIDI-20
1G | 20 km | LC Simplex

Compatibility, quality and OEM workflow

The objective is to prevent specification loss between the buyer's requirement, supplier selection, sample validation and repeat orders.

1. Requirement capture	Host platform, part number, rate, reach, connector, fibre, temperature and quantity.
2. Compatibility review	Coding profile and technical fit are checked before sample or production.
3. Sample validation	Samples can be reviewed against agreed functional and documentation requirements.
4. Production-lot control	Label, packaging, visual, quantity and agreed test records are coordinated.
5. Shipment record	Approved specification, lot references and shipment details support repeatability.

OEM options

Custom label artwork, branded packaging, coding profile, serial/lot conventions, documentation pack and repeat-order specification control can be coordinated against confirmed MOQ and lead time.

Important commercial note

This catalogue is a portfolio guide and does not constitute a blanket stock, compliance or compatibility guarantee. Final specification, price, MOQ, lead time and documentation are confirmed in the quotation.

START YOUR RFQ

Send the part number or project list.

For a structured compatibility and supply review, include the host platform, data rate, reach, connector, quantity and delivery target.

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