# MPO/MTP Fiber Optic Patch Cord

PN: KR12MB5M

12 Fibers, 10/40/100GbE, 40GBASE-SR4, OM3, LSZH, Aqua, 16.5 ft. (5M)

## Hightlights

- Hi-density.
- OM3/300 rated 50/125 Multimode.
- Supports 40GbE to 100GbE speeds

Compatible for Cisco/Juniper/ Brocade/Hawei/H3C






## Descriptions

Karono MTP/MPO to MTP/MPO fiber patch cables allow high-density connections between network equipment in telecommunication rooms and data centers. The MPO stander is fully compatible with MTP stander, offers up to 12 times the density of standard connectors, such as SC/ST/FC etc. MPO/MTP patch cord providing sinificant space and cost savings.

MPO patchcord utilize precision molded MT ferrules, with metal guide pins and precisehousing dimensions to ensure fiber alignment when mating. The MPO can be massterminated in combination of 4, 8, 12 or 24 fiber ribbon cables.

## Features

- MTP / MPO Quick Fiber Optic connections, 12 times the density of SC style connectors, unique cable ID label for quality control and traceability.
- Comply with IEEE802BM, MMF (MPO FEMALE Connector without PIN). Low insertion loss and back reflection loss process.
- Muti-mode (50/125um, 850nm), OM3 300, LSZH outter sheet, 12-core fibers cable, constructed with TYPE B (Chanel 1 to Chanel 12).
- High-performance polishing machine, and complemented by precision plates holders designed for MT ferrules, 3D interferometer provides verification of MTP/MPO polishing process, and making all parameters of hte polished MT ferrule complies and exceeds industry standards.
- Each cable 100% tested for low insertion loss and back reflection. Test data supplied with each cable.

## Compatible for

Cisco QSFP-40G-SR4, QSFP-40G-SR4-S, QSFP-40F-CSR4

Extreme 40GB-ESR4-QSFP

Juniper QFX-QSFP-40G-SR4 & QFX-QSFP-40G-ESR4

Brocade 40G-QSFP-SR4.

Arista QSFP-40G-SR4 & QSFP-40G-XSR4.

Hawei QSFP-40G-ISR4 & QSFP-40G-eSR4.

H3C JG325A,JG325B and JG709A

## Parameter

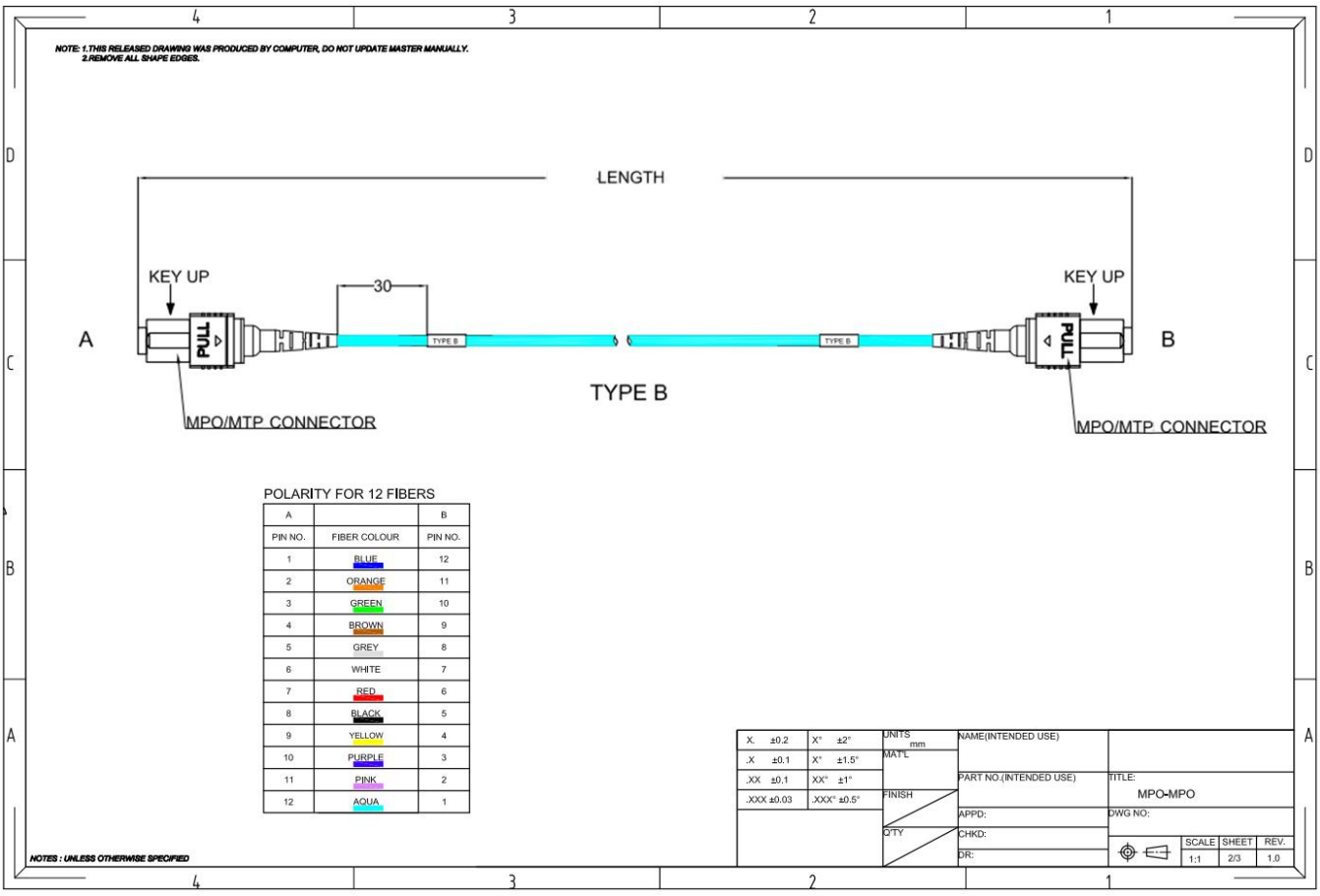
| OVERVIEW | |
|---|---|
| Cladding Diameter | 124.8±0.7 microns |
| Core Diameter | 50 microns |
| Core/cladding Concentricity Error | ≤0.7 |
| Cladding Non-circularity | ≤6.0 |
| Number of Fibers | 12 |
| Optical Mode | OM3 300 |
| Cable Length (ft.) | 16.5 |
| Connection Type | Type B |

| COMMUNICATIONS | |
|---|---|
| Network Speed | 10Gbps / 40Gbps / 100Gbps |
| Insertion Loss (dB) | 0.45 (Typical) |
| Return Loss (dB) | 27 (Typical) |

| Connection Type & Connectors | |
|---|---|
| Connector A | 12-STRAND MPO (FEMALE) |
| Connector B | 12-STRAND MPO (FEMALE) |

| PHYSICAL | |
|---|---|
| Color | Aqua |
| Shipping Dimensions ( L×W×H in. ) | 9×7×0.7 |
| Shipping Weight (lbs.) | 0.57 |

## Drawing




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