

# HydraX™ MPO Trunk Cable

*Fast-Plug 12-144Core Fiber Optic MPO Trunk Cables*



*HydraX™ Fast-Plug Trunk Cables are designed for rapid deployment of highdensity permanent links for data center applications. They are supporting the network such as 10G, 40G, 100G Ethernet or 4, 8, 16G Fibre Channel.*

*MPO trunk cable provide fast installation for Data Center and other Fibre Optic enviroment. Push-On/Pull-Off MPO connector and Fast-Plug MPO cassettes can significantly lower the installation and daily maintenance costs and time.*

*All HydraX™ trunk cables are designed to the highest standards and low-loss specifications.*

## Features and Benefits

Pre-terminated low loss MPO trunk cables are assembled in factory to deliver verified optical performance and reliability.

The cables are all produced with LSOH outer sheath.

MPO fan out length 550mm with pulling eye.

The AT-AR and Armour protection cable can be customized.

The MPO trunk cables available for both Singlemode and Multimode.

## Standards

ANSI/TIA-568.C-3, TIA/EIA-568.C-1

ISO 11801

IEC 60332-1 (Cable)

EIA/TIA-604-5, TIA-604-10

Compliant to RoHS 2011/65/EU

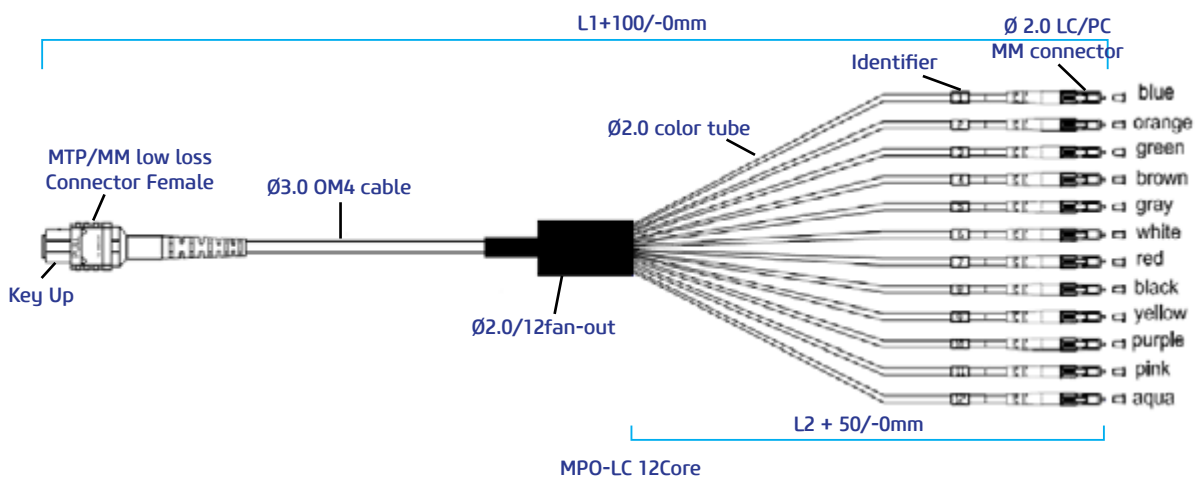
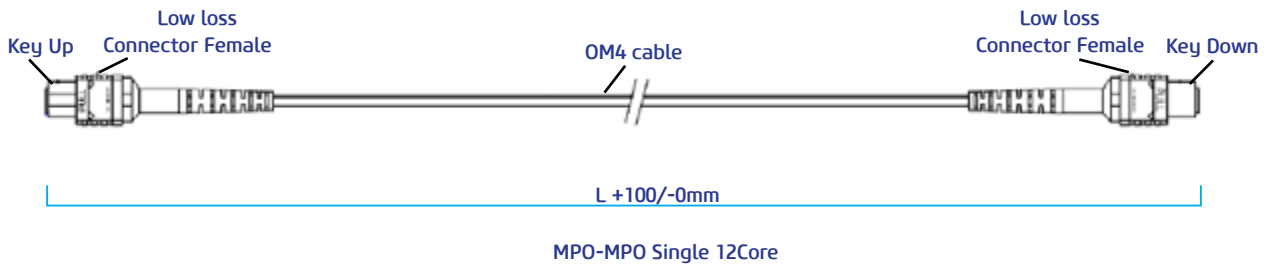
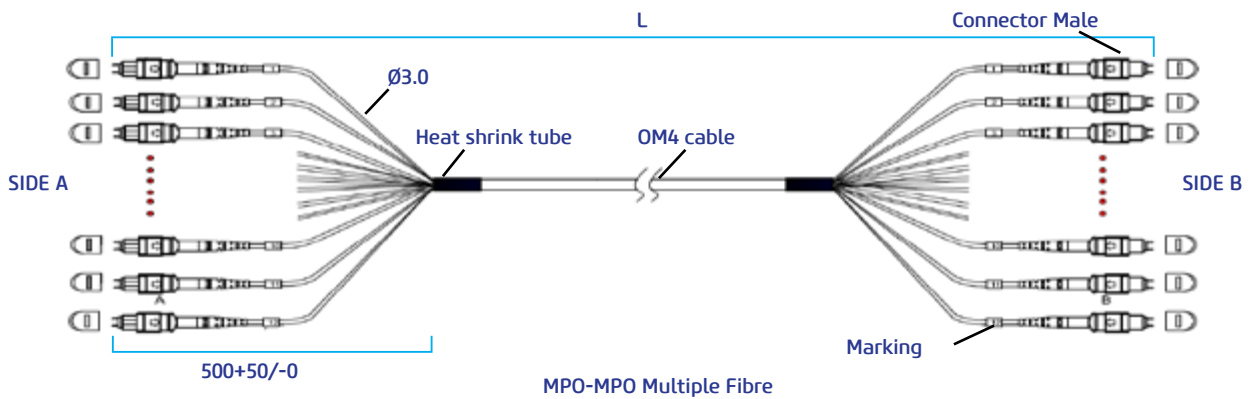
## CHARACTERISTICS & PROPERTIES

Temperature range	Operation	-20°C ~ + 70°C
Insertion Loss	MPO Connector	≤ 0.50dB (Multimode), ≤ 0.75dB (Singlemode) ≤ 0.35dB (Super low loss multimode)
Return Loss	MPO Connector	Multimode ≥ 26dB, Singlemode ≥ 55dB
Durability		500 matings
Cable Type		Indoor Unarmoured LSOH Jacket
Connector Type	End A	12 or 24 Fibre MPO (female or male), LC, SC
Connector Type	End B	12 or 24 Fibre MPO (female or male), LC, SC
Fibre Count		12/24/48/72/96/144
Jacket Color		Singlemode Yellow, OM3 & OM4 Aqua

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## TECHNICAL DATA



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PRODUCT CODE	DESCRIPTION
<b>MPT-00610120030</b>	HydraX™ 12core MPO Female Trunk Cable SM G657A1, 3mtrs
<b>MPT-00410240010</b>	HydraX™ 24core MPO Female Trunk Cable MM OM4, 1mtr
<b>MPT-00310120020</b>	HydraX™ 24core MPO Female Trunk Cable MM OM3, 2mtrs
<b>MPT-10600241200</b>	HydraX™ 24core MPO-LC Male Trunk Cable SM G657A1, 120mtrs
<b>MPT-10400240050B</b>	HydraX™ 24core MPO-LC Male Trunk Cable MM OM4, 5mtrs, Polarity B
<b>MPT-10300240100</b>	HydraX™ 24core MPO-LC Male Trunk Cable MM OM3, 10mtrs

\*\* MPT-ABCDEEEXXXZ

1) A : (0/MPO-MPO, 1/MPO-LC, 2/MPO/SC)

2) B : (0/Non-armoured, 1/Armoured)

3) C : Type of fiber (0/G652D, 1/OM1, 2/OM2, 3/OM3, 4/OM4, 5/G655, 6/G657A1, 7/G657A2, 8/G657B1, 9/G657B2, 10/G657B3)

4) D : Connector type (0/male - male, 1/female - female, 2/male - female)

5) EEE : Number of Core

6) XXXX : Length (0015/1.5M, 0100/10m, 0150/15m, 1000/100m)

7) Z : Polarity of trunk cable (A/B/C) ; P/Low Loss

## Related Products

PRODUCT CODE	DESCRIPTION
<b>CA-1010244BP</b>	HydraX™ 24 ports LC-MPO Male Multimode OM4 Cassette, Premium, Polarity B
<b>CA-1010243B</b>	HydraX™ 24 ports LC-MPO Male Multimode OM3 Cassette, Polarity B
<b>CA-1010246A</b>	HydraX™ 24 ports LC-MPO Male Singlemode G657A1 Cassette, Polarity A