

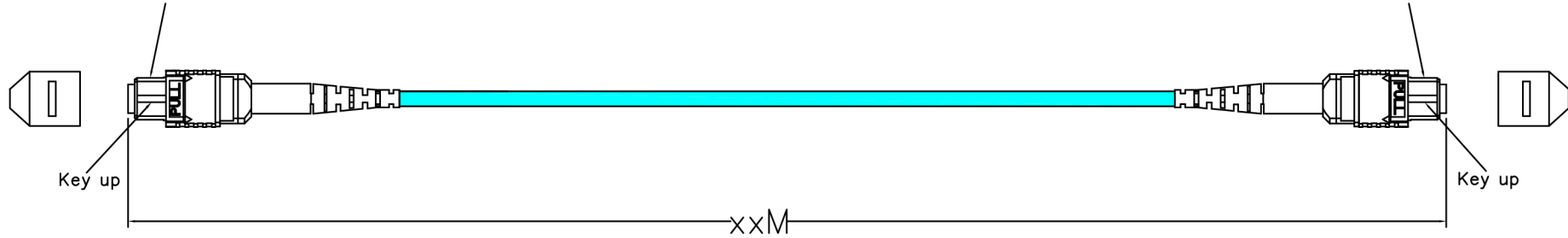
Notes/Instructions:

REV	REV DATE	DESCRIPTION	APPROVAL
A	2020.07.20	Full Release	Mike
B	2021.07.21	Add Raw fiber Vendor brands	Mike

YOFC 12 CORE FIBER OPTIC CABLE MPO-MPO 50/125 OM4 OFNP Polarity B

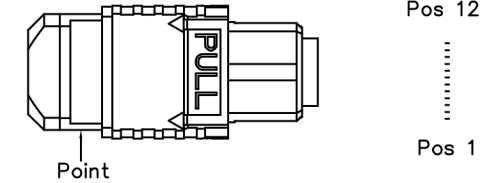
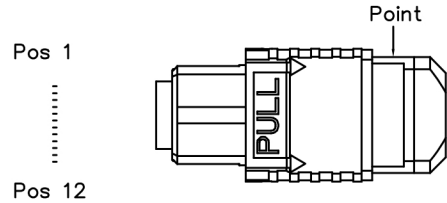
MPO Female Connector A

MPO Female Connector B



MPO Female Connector A

MPO Female Connector B

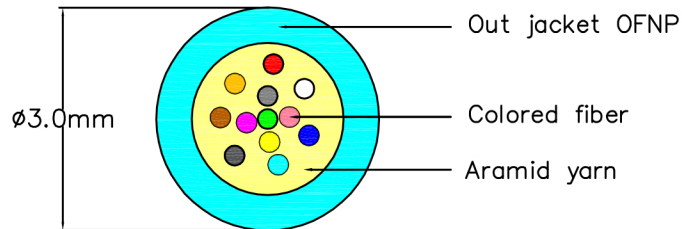


Connector A

Connector B

Pos 1	Pos 2	Pos 3	Pos 4	Pos 5	Pos 6	Pos 7	Pos 8	Pos 9	Pos 10	Pos 11	Pos 12
Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Purple	Pink	Aqua

Pos 1	Pos 2	Pos 3	Pos 4	Pos 5	Pos 6	Pos 7	Pos 8	Pos 9	Pos 10	Pos 11	Pos 12
Aqua	Pink	Purple	Yellow	Black	Red	White	Gray	Brown	Green	Orange	Blue



Length Tolerance:

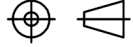
Length(M)	Total Length Tolerance
$L \leq 1$	+5CM/-0
$1 < L \leq 10$	+10CM/-0
$10 < L$	+L1%/-0

Specifications:

Fiber Mode	MM
Type	MPO-MPO
Cable Diameter(mm)	$\Phi 3.0$
Cable Color	Aqua
Core Diameter(um)	50/125
Insertion Loss(dB)	≤ 0.60
Return Loss(dB)	≥ 20
Operating Temperature($^{\circ}\text{C}$)	-20~+70
Storage Temperature($^{\circ}\text{C}$)	-20~+70

Notes:

This drawing and its specifications are the property of ENCONNEX and shall not be copied, reproduced, or used in whole or in part, as the basis for the manufacture or sale of items without written permission from ENCONNEX. This drawing is based upon the latest available information and is subject to change without notice.

TOLERANCES LINEAR (mm) X => 1 .X => 0.5 .XX => 0.30 .XXX => 0.130 ANGULAR X = 1° .X = 0.5° .XX = 0.25°	MATERIAL: /	 2700 Mill Street, Unit 400, Reno, NV 89502	PART NUMBER: ECX-MPMP1-412P-XM-Y
	DESCRIPTION: MPO-MPO 12F Multimode OM4		Product name: connectivity
	DEBUR AND BREAK SHARP EDGES/CORNERS AT 0.2mm MAX	DRAWN BY: Jack	ORG DATE: 2020.07.20
	INTERPRET TO ASME Y14.100	APPROVED BY: Mike	REV DATE: 2021-07-20
UNITS: mm [in]		SIZE: A4	SHEET: 1/1
		Scale: NA	REV: B