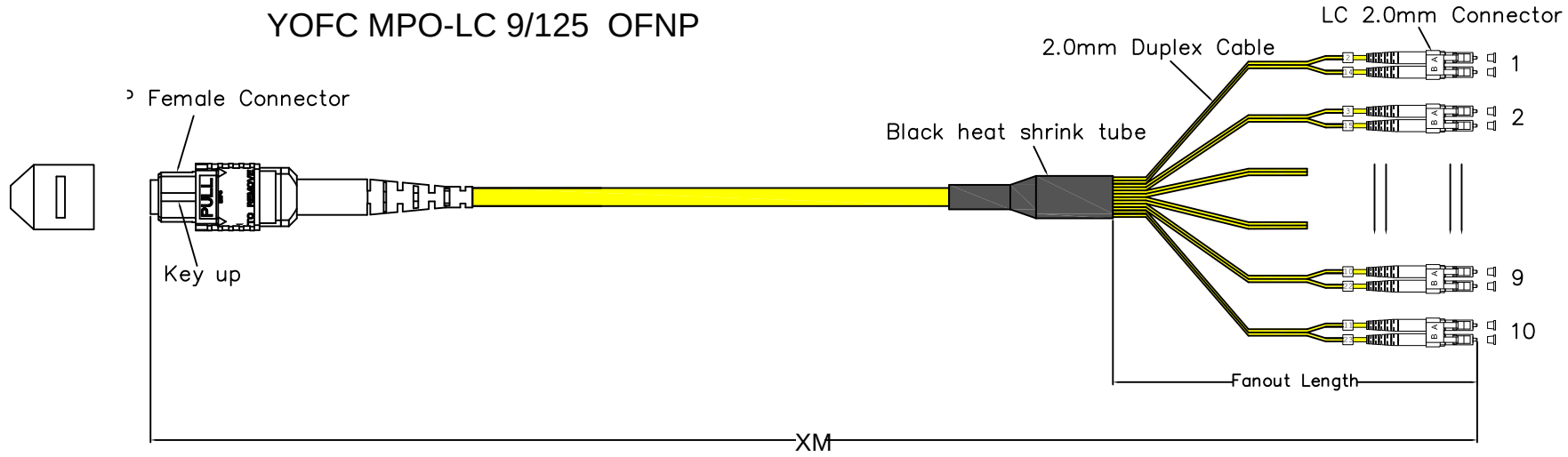
Notes/Instructions:

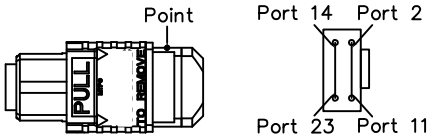
REV	REV DATE	DESCRIPTION	APPROVAL
A	2020-10-22	RELEASE	Mike

20 CORE FIBER OPTIC CABLE

YOFC MPO-LC 9/125 OFNP

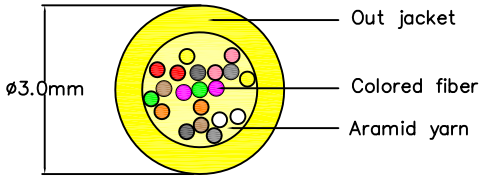


Female Connector



Fiber color

1		2		3		4		5	
Port 2	Port 14	Port 3	Port 15	Port 4	Port 16	Port 5	Port 17	Port 6	Port 18
Orange	Orange	Green	Green	Brown	Brown	Gray	Gray	White	White
6		7		8		9		10	
Port 7	Port 19	Port 8	Port 20	Port 9	Port 21	Port 10	Port 22	Port 11	Port 23
Red	Red	Black	Black	Yellow	Yellow	Purple	Purple	pink	pink



Length Tolerance:

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

Specifications:

Fiber Mode	SM
Type	MPO
Cable Diameter(mm)	ø3.0
Cable Color	Yellow
Core Diameter(um)	9/125
Insertion Loss(dB)	≤0.75
Return Loss(dB)	≥60
Operating Temperature(℃)	-20~+70
Storage Temperature(℃)	-20~+70

Fiber Mode	SM
Type	LC
Cable Diameter(mm)	ø2.0
Cable Color	Yellow
Core Diameter(um)	9/125
Insertion Loss(dB)	≤0.25
Return Loss(dB)	≥50
Operating Temperature(℃)	-20~+70
Storage Temperature(℃)	-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: /

DESCRIPTION: MPO-LC

DEBUR AND BREAK SHARP EDGES/CORNERS AT 0.2mm MAX

UNITS: mm [in]

INTERPRET TO ASME Y14.100

ENCONNEX

2700 Mill Street, Unit 400,Reno, NV 89502

DRAWN BY: Jack

APPROVED BY: Mike

SIZE: A4 | SCALE: 1 : 1

PART NUMBER: ECX-MPLC4-520P-XM-Y

DESCRIPTION: Connectivity

ORG DATE: 2020-10-22

REV DATE: 2020-10-22

SHEET: 1/1 | REV: A