



TECHNICAL SPECIFICATIONS

OPTICAL FIBER

PATCH CORD ASSEMBLY

光ファイバーケーブル パッチコード

仕様書

Approved by: _____

Date: _____

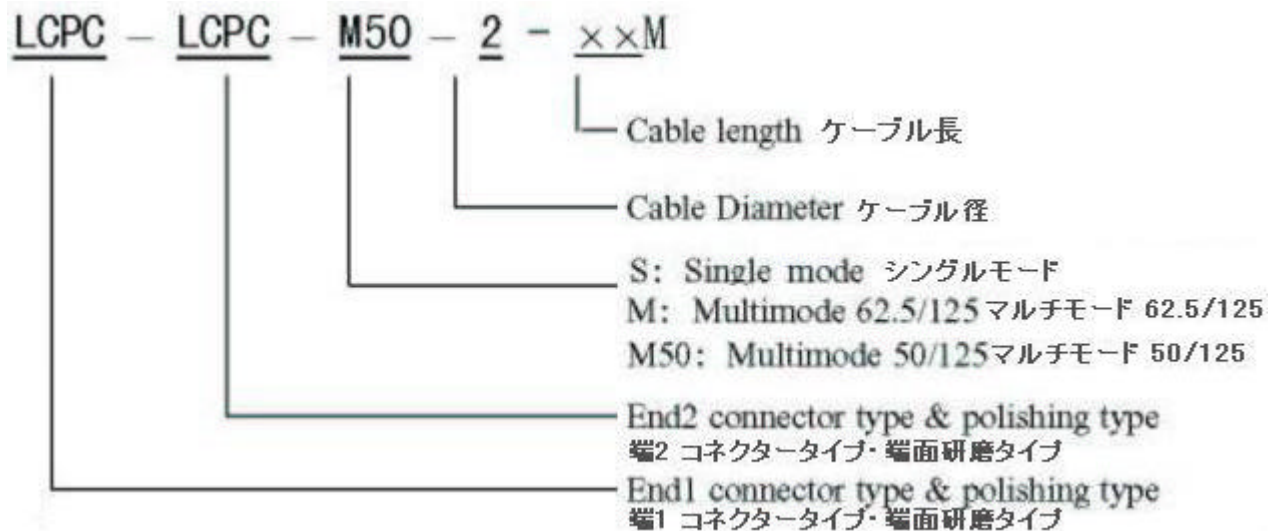
A handwritten signature in black ink, appearing to read 'Jin', positioned above a dashed horizontal line.

ZT INTERNATIONAL LTD.

JAN. 10, 2006

ZT INTERNATIONAL LTD	Mode	<i>LCPC-LCPC-M50-2-2M</i>
	Issue Date	2007-01-10
Patchcord / Assembly Specification	Edition	V0

Manufacturer Model Information: (型番)



Product model : (型番) LCPC-LCPC-M50-2-2M

Explanation : Simplex core Multi-mode (50/125)cable connector, End1 represents a LC/PC plug ,End2 represents a LC/PC plug ,cable diameter is 2mm , and cable length is 2meters.

内容

1心、マルチモード(50/125)ケーブルコネクター、端1 LC/PC プラグ
 端2 LC/PC プラグ、ケーブル径 2mm、ケーブル長 2m

1. Product Figuration (図面)

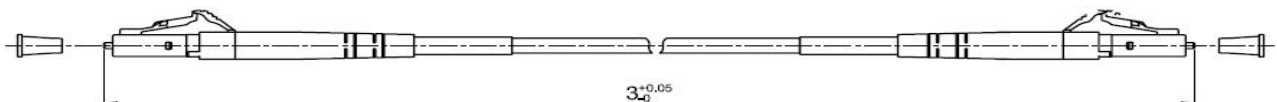


Figure 1 Cable Module 図1 ケーブルモジュール

The branch mark of two ends: use number to represent One ends marked as: A, the other ends marked as: B. (両端マーキング A B)

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2. Fiber Connector Performance Index

Table1 Multi mode fiber connector performance index

表1 マルチモードファイバーコネクタ性能

Item (項目)	LC (仕様)
Insertion loss (挿入損失)	0.30dB
Return loss (反射減衰量)	35dB
Working temperature (動作温度)	-25 ~ +75
Storing temperature (保存温度)	-40 ~ +85
Endurance (耐久性)	500times
Standard (準拠規格)	IEC61754/ GR326/ YD1258.2

3. Fiber Technology Performance

Table2 Multi mode fiber dimension index

図2 マルチモードファイバー仕様

Item	Technology index
Core diameter, μm (コア径)	50.0 ± 3
Cladding diameter, μm (クラッド径)	125.0 ± 2
Core non-circularity, % (コア/クラッド非円率)	< 6
core/cladding concentricity error, μm (コア/クラッド偏心率)	3
Cladding non-circularity, % (クラッド非円率)	2
Coating diameter, μm (コーティング径)	245 ± 10
cladding/coating concentricity error, μm (クラッド/コーティング偏心率)	6
Numerical aperture (開口数、N.A.)	0.200 ± 0.015
Standard (規格)	IEC60793

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4. Cable Technology Requirements

a. Cable configuration illustration (ケーブル形状)

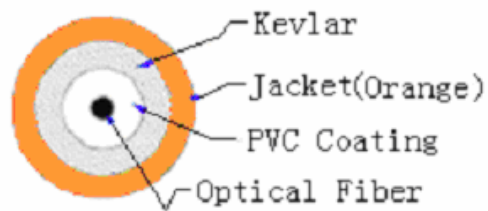


Figure 2 Cable section 図2 ケーブル断面図

b. Optical cable performance (光ファイバーケーブル特性)¥

Mechanism performance complying standard :IEC60794-1/GB/T7424.2/YD/T1258.4

構造的特性: IEC60794-1/GB/T7424.2/YD/T1258.4 準拠

Anti-fire performance complying standard :OFNR

難燃性: OFNR 準拠

5. Outer Jacket mechanism performance (外被特性)

Complying standard :YD/T1258.2

YD/T1258.2 準拠

