



# TECHNICAL SPECIFICATIONS

光ファイバーケーブル パッチコード  
仕様書

**OPTICAL FIBER  
PATCH CORD ASSEMBLY**

*Approved by:* \_\_\_\_\_

*Date:* \_\_\_\_\_

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ZT INTERNATIONAL LTD.

DEC. 13, 2006



ZT INTERNATIONAL LTD	Model	2SCPC-2SCPC-M50-2-2M
	Issue Date	2006-12-12
Patchcord / Assembly Specification	Edition	V0

## 1. Fiber Connector Performance Index (ファイバーコネクタ性能)

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	SC
Insertion loss (挿入損失)	0.30dB
Return loss (反射減衰量)	35dB
Working temperature (動作温度)	-25 ~ +75
Storaging temperature (保存温度)	-40 ~ +85
Endurance (耐久性)	500times
Standard (準拠規格)	IEC61754/ GR326/ YD1258.3

## 2. Fiber Technology Performance (ファイバー技術性能)

Table2 Multi mode fiber dimension index

表2 マルチモードファイバー仕様

Item	Technology index
Core diameter, $\mu$ m (コア径)	50 $\pm$ 3
Cladding diameter, $\mu$ m (クラッド径)	125.0 $\pm$ 2
Core non-circularity, % (コア非円率)	6
core/cladding concentricity error, $\mu$ m (コア/クラッド偏心率)	3
Cladding non-circularity, % (クラッド非円率)	2
Coating diameter, $\mu$ m (コーティング径)	245 $\pm$ 10
cladding/coating concentricity error, $\mu$ m (コーティング/クラッド偏心率)	6
Numerical aperture (開口数 (N.A.))	0.200 $\pm$ 0.015
Standard (規格)	IEC60793 /GR20

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### 3. Cable Technology Requirements

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

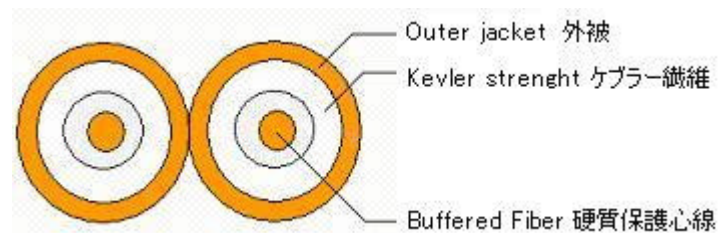


Figure 2 Cable section 図2 ケーブル断面図

#### b. Optical cable performance 光ケーブル特性

Mechanism performance complying standard: IEC60794-1/GB/T7424.2/YD/T1258.3

構造的特性、IEC60794-1/GB/T7424.2/YD/T1258.3 準拠

Anti-fire performance complying standard: OFNR

難燃性特性、OFNR 準拠

#### 4. Outer Jacket mechanism performance (外被特性)

Complying standard: YD/T1258.3

YD/T1258.4 準拠

