



TECHNICAL SPECIFICATIONS

仕 様 書

OPTICAL FIBER

PATCH CORD ASSEMBLY

パッチコード (両端コネクタ付)

Approved by (承認): _____

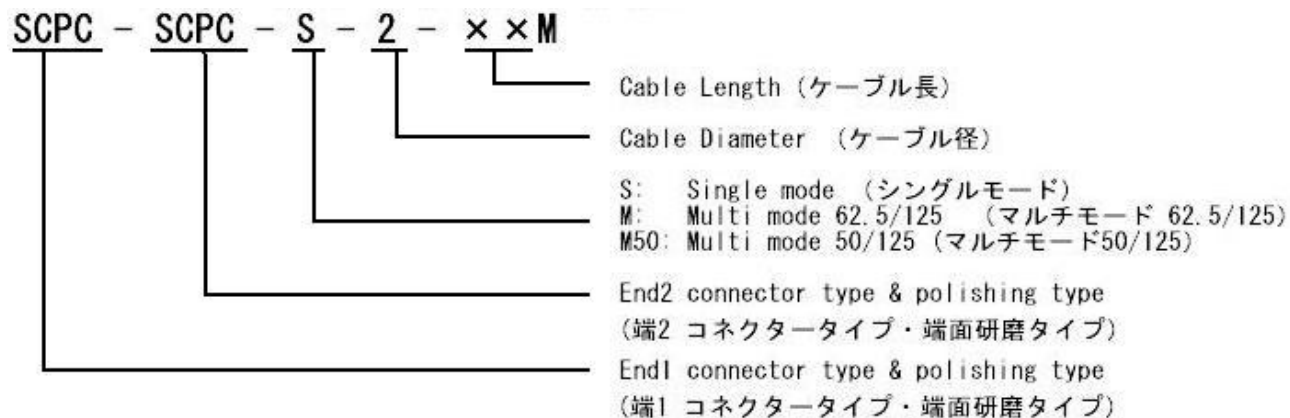
Date (日付): _____

A handwritten signature in black ink, appearing to read 'Jin'.

ZT INTERNATIONAL LTD.

JAN. 25, 2006

1. Manufacturer Model Information: (型番)



Product model (モデル番号): SCPC-SCPC-S-2-2M

Explanation: Simplex core Single-mode cable connector, End1 represents a SC/PC plug, (仕様) End2 represents a SC/PC plug, cable diameter is 2mm, and cable length is 2meters.

1芯、シングルモードコネクター、端1- SC/PC プラグ、端2-SC/PC プラグ
 ケーブル径 2mm、ケーブル長 2m

2. Product Figuration (図面)

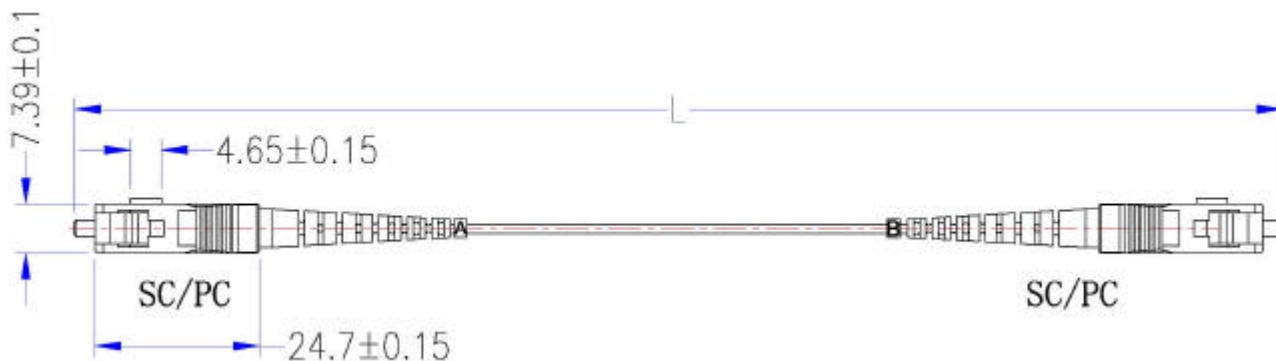


Figure 1 Cable Module (ケーブルモジュール)

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)

3. Fiber Connector Performance Index (ファイバコネクタ性能)

Table1 Single mode fiber connector performance index
表1 シングルモードファイバコネクタ性能

Item	SC
Insertion loss (挿入損失)	0.30dB
Return loss (反射減衰量)	45dB(PC) 50dB(UPC)
Working temperature (作動温度)	-25 ~ +75
Storing temperature (保存温度)	- 40 ~ +85
Endurance (耐久性)	500times
Standard (準拠規格)	IEC61754/ GR326/ YD1258.4

4. Fiber Technology Performance (ファイバ技術性能)

Table2 Single mode fiber dimension index
表2 シングルモードファイバサイズ

Item	Technology index
Core diameter, μ m (コア径)	9.0 ± 0.5
Cladding diameter, μ m (クラッド径)	125.0 ± 2
Core non-circularity, % (コア非円率)	< 6
core/cladding concentricity error, μ m (コア / クラッド偏心率)	1.5
Cladding non-circularity, % (クラッド非円率)	2
Coating diameter, μ m (コーティング径)	245 ± 10
cladding/coating concentricity error, μ m (コーティング/クラッド偏心率)	6
Numerical aperture (NA) (開口数 (N.A.))	0.200 ± 0.015
Standard (規格)	GB/T9771 /YD/T1258.1

5. Cable Technology Requirements (ケーブル技術的仕様)

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

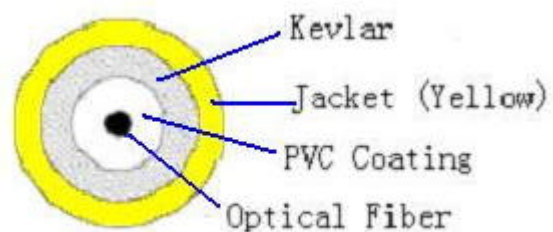


Figure 2 Cable section

b. Optical cable performance (光ケーブル特性)

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
難燃性特性、OFNR 準拠

6. Outer Jacket mechanism performance (外被特性)

Complying standard: YD/T1258.4
YD/T1258.4 準拠

