



TECHNICAL SPECIFICATIONS

仕 様 書

OPTICAL FIBER

PIGTAIL CORD ASSEMBLY

パッチコード (片端コネクタ付)

Approved by (承認): _____

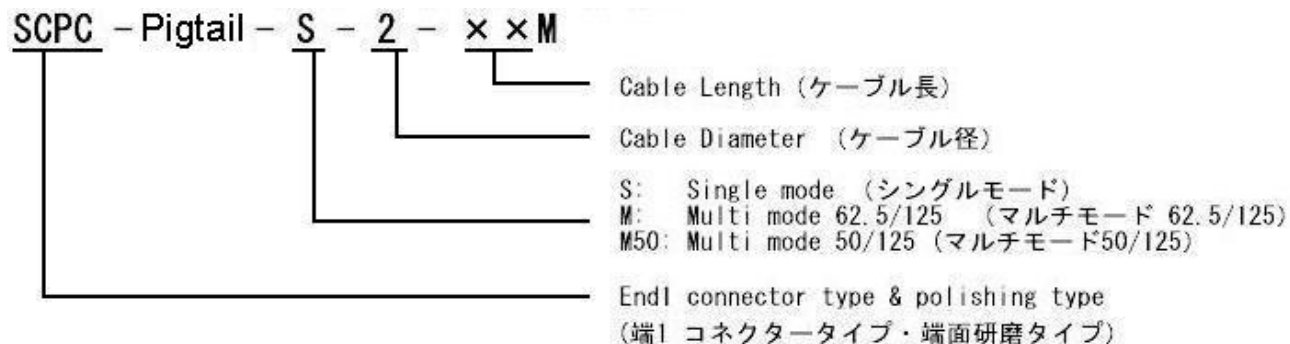
Date (日付): _____

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-Pigtail-S-2-1.5M

Explanation: Simplex core Single-mode cable connector, represents a SC/PC plug,
 (仕様) Cable diameter is 2mm, and cable length is 1.5meters.
 1芯、シングルモードケーブルコネクター、片端 SC/PC プラグ
 ケーブル径 2mm、ケーブル長 2m

2. Product Figuration (図面)

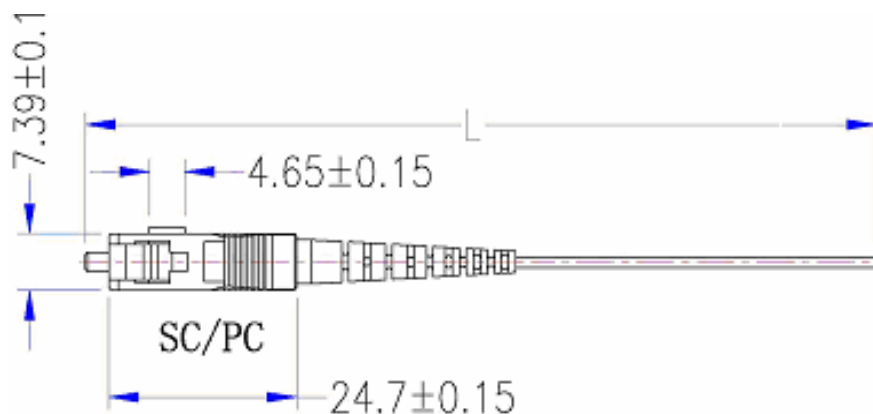


Figure 1 Cable Module

3. Fiber Connector Performance Index (ファイバーコネクター性能)

Table1 Single mode fiber connector performance index

表1 シングルモードファイバーコネクター性能

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 (ファイバー技術性能)

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

Item	Technology index
Core diameter, μ m (コア径)	9.0 \pm 0.5
Cladding diameter, μ m (クラッド径)	125.0 \pm 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 \pm 10
cladding/coating concentricity error, μ m	6
Numerical aperture (NA)	0.200 \pm 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)

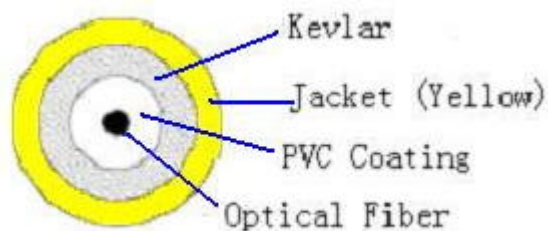


Figure 2 Cable section

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

