

Optical Accessories Product Catalogue



Leading Products (Con.)



SC/APC+Flange(cone tip)



SC/APC + Flange(Step tip)



SC/PC + Flange



LC/PC + Flange



LC/APC + Flange



MU Ferrule + Flange

Leading Products



LC standard sleeve



SC standard sleeve



SC/PC MM ferrule



Fiber stub



The long ferrule



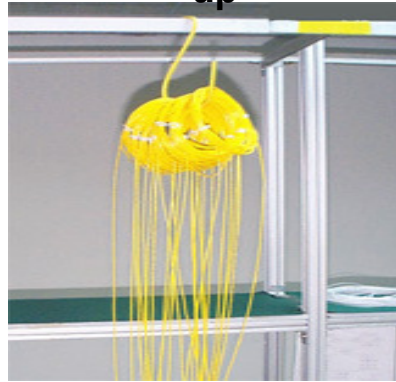
SMA-905/906 ferrule

Cable Assembly Process (Con.)

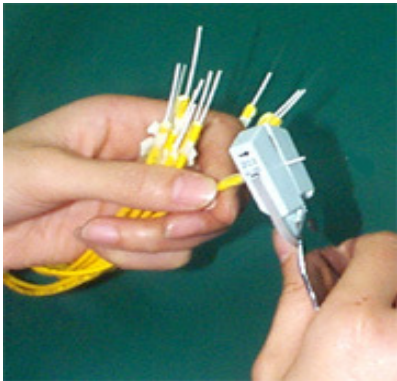
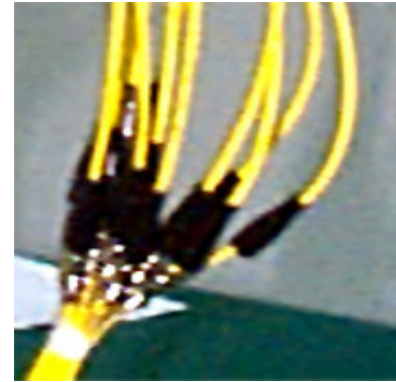
Cable cutting



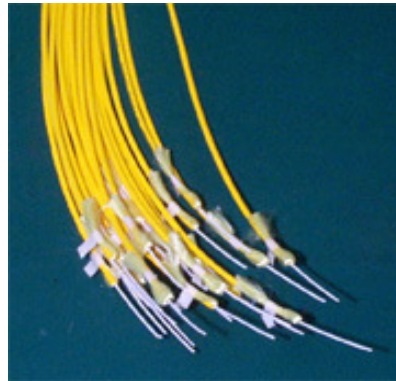
Cable clear up



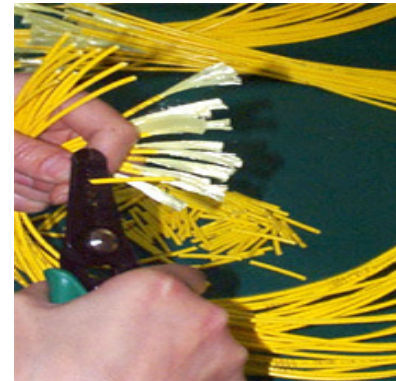
Pre-handling



Cladding stripping



Cable identify



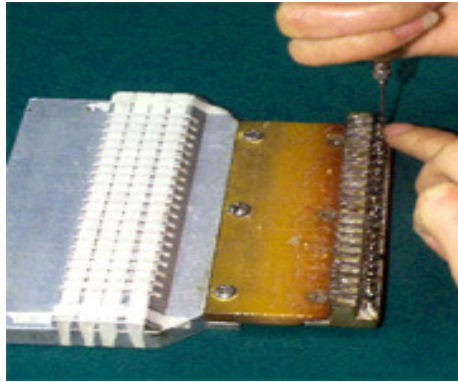
Jacket stripping



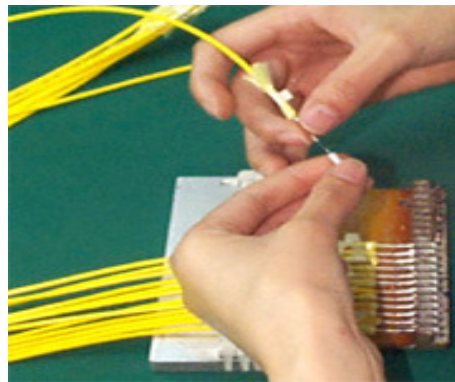
Cable Assembly Process (Con.)



Glue injection



Fiber inserting



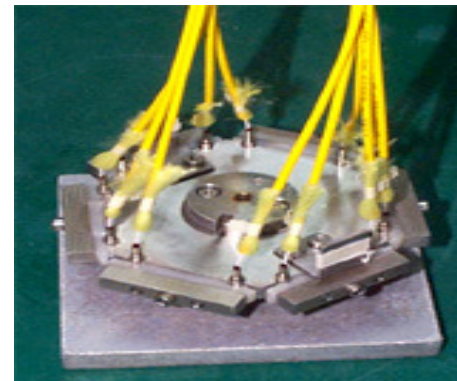
Fiber solidifying



Ultrasonic cleaning



Polishing



Fasten by jig

Cable Assembly Process

Microscope inspection



Crimp junction



Kits assembly



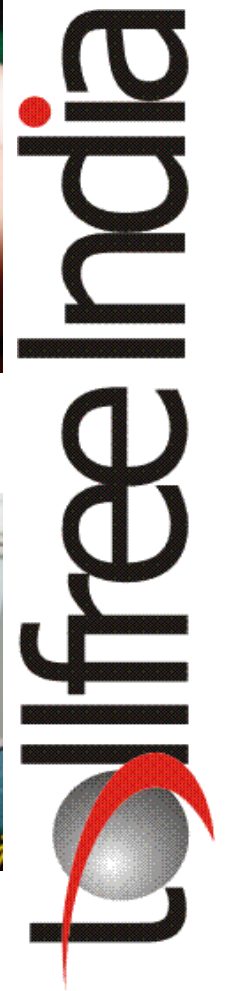
FQC



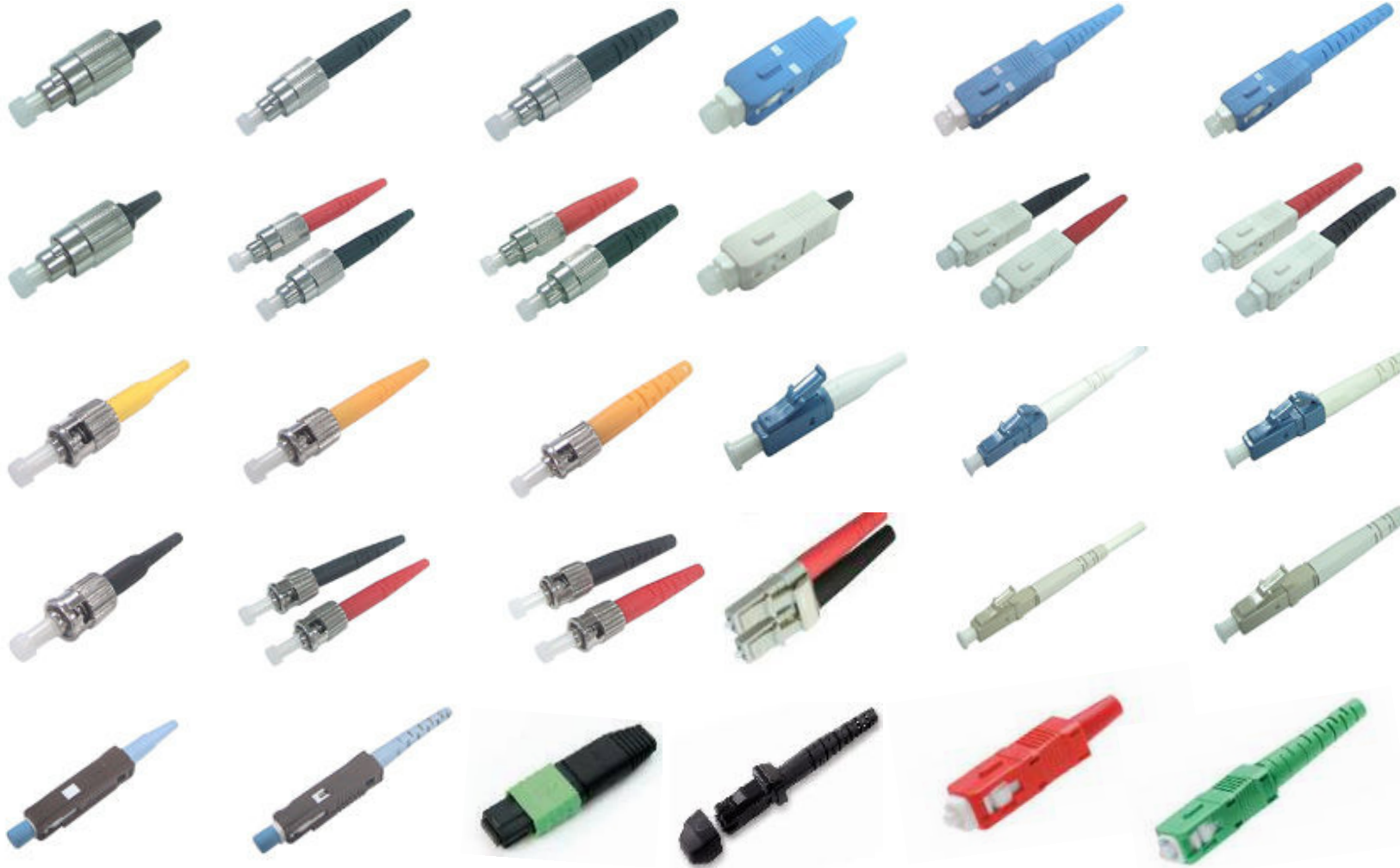
Packaging



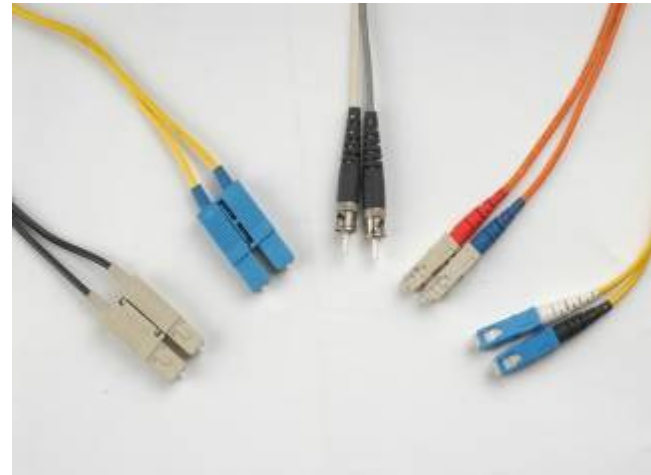
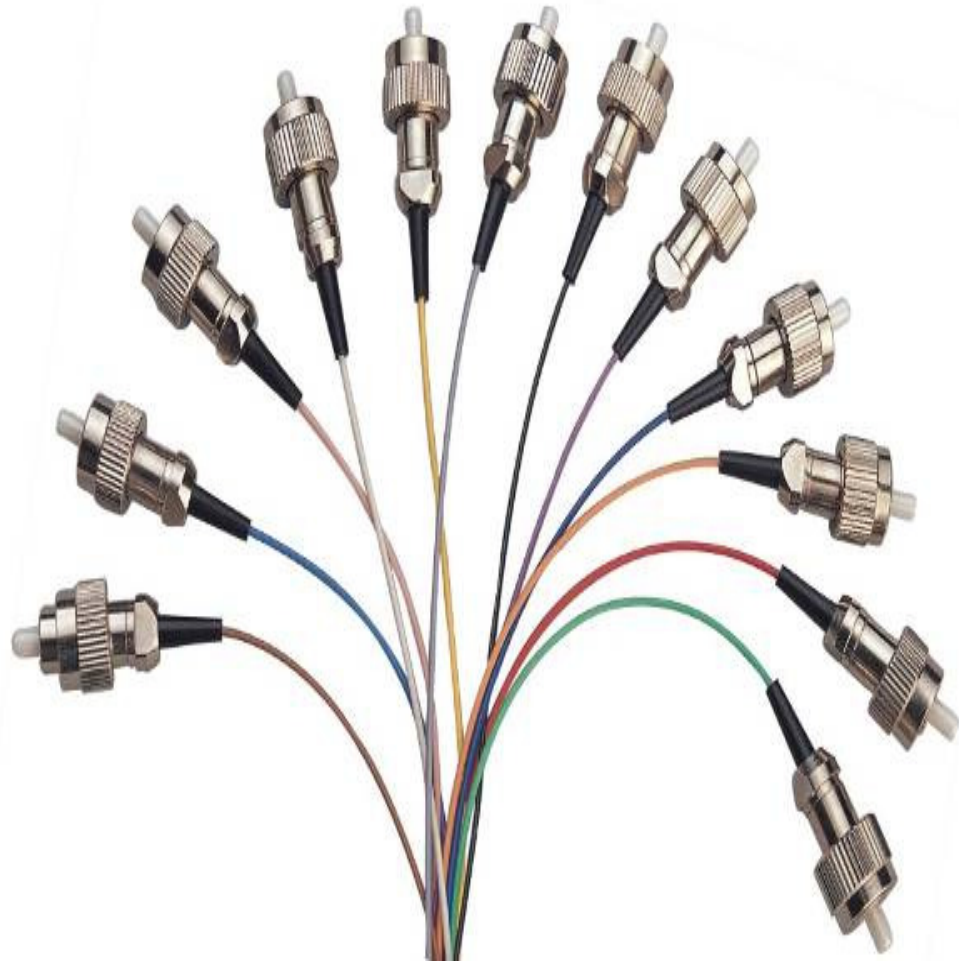
I.L&R.L inspection



All Types of Connectors



Fiber Optic Patch Cords



tolfreeIndia

All Types of Adapters



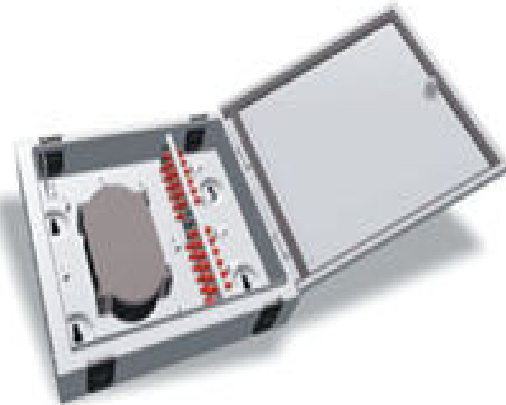
Attenuators(SC, FC, ST, LC)



Leading products (Con.)



Leading Products (Con.)



Leading Products



Quality Control & Test



I.D. Inspection

Inner diameter

Concentricity

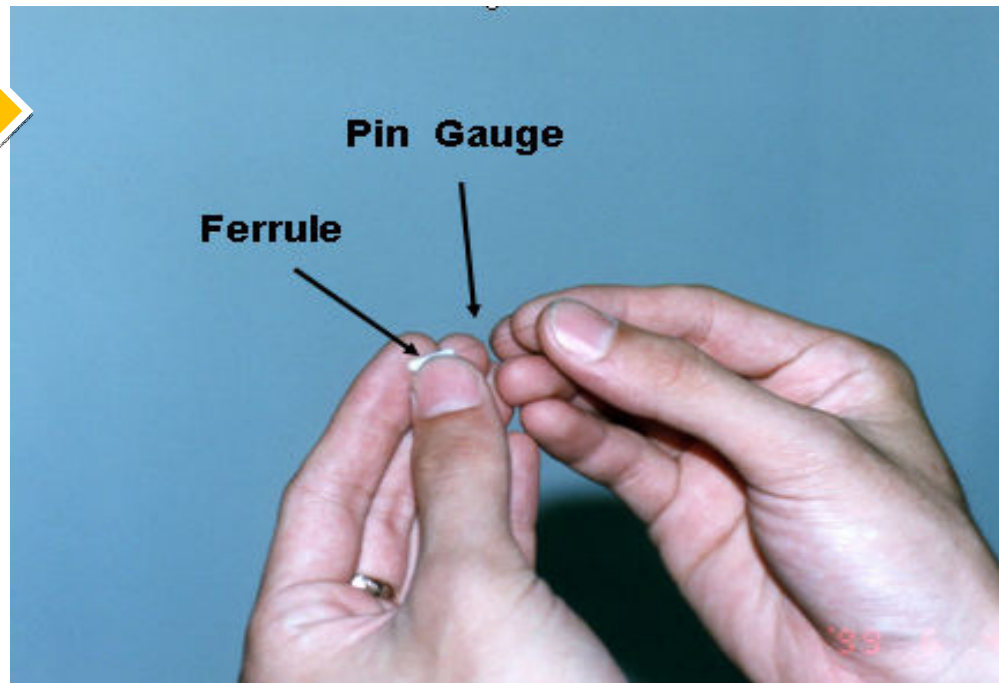
Cylindricity

Surface roughness

Outer diameter

PC tip

Length



We use different pin gauge to tell apart different I.D. hole ferrule, our standard hole can be:

For SM ferrule:

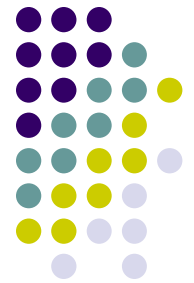
125.0—125.5um

125.5---126.0um

126.0---126.5um

For MM ferrule:

127.0---130um



Concentricity Inspection 1

Inner diameter

Concentricity

Cylindricity

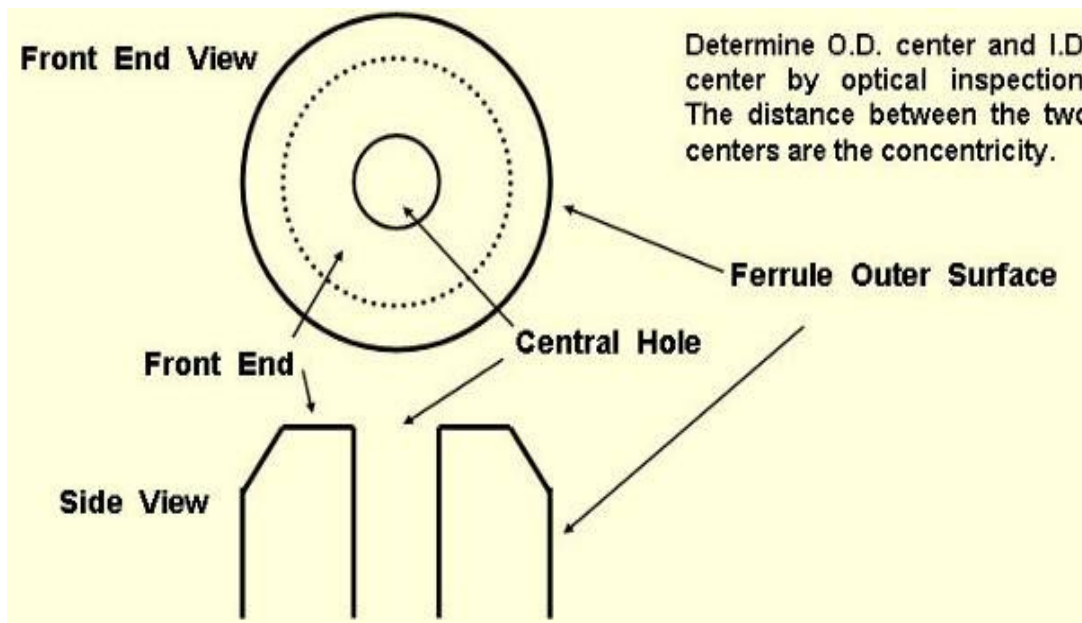
Surface roughness

Outer diameter

PC tip

Length

Optical Method



Concentricity Inspection 2

Inner diameter

Concentricity

Cylindricity

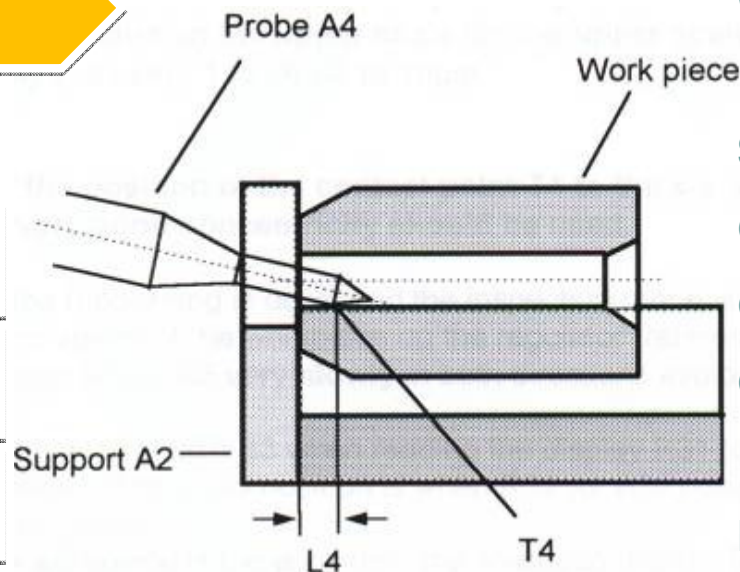
Surface roughness

Outer diameter

PC tip

Length

Mechanical contact method



Concentricity

SM ferrule

Grade A $\leq 0.6\mu\text{m}$

Grade B $\leq 1.0\mu\text{m}$

Grade C $\leq 1.4\mu\text{m}$

MM ferrule

$\leq 4.0\mu\text{m}$

Probe contact ferrule inner hole for concentricity measurement



Cylindricity

Inner diameter

Concentricity

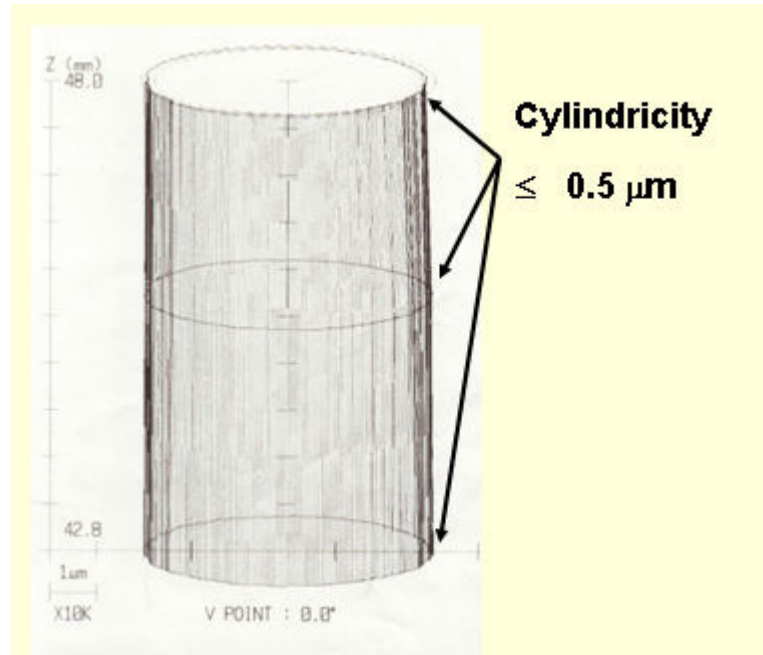
Cylindricity

Surface roughness

Outer diameter

PC tip

Length



Surface roughness

Inner diameter

Concentricity

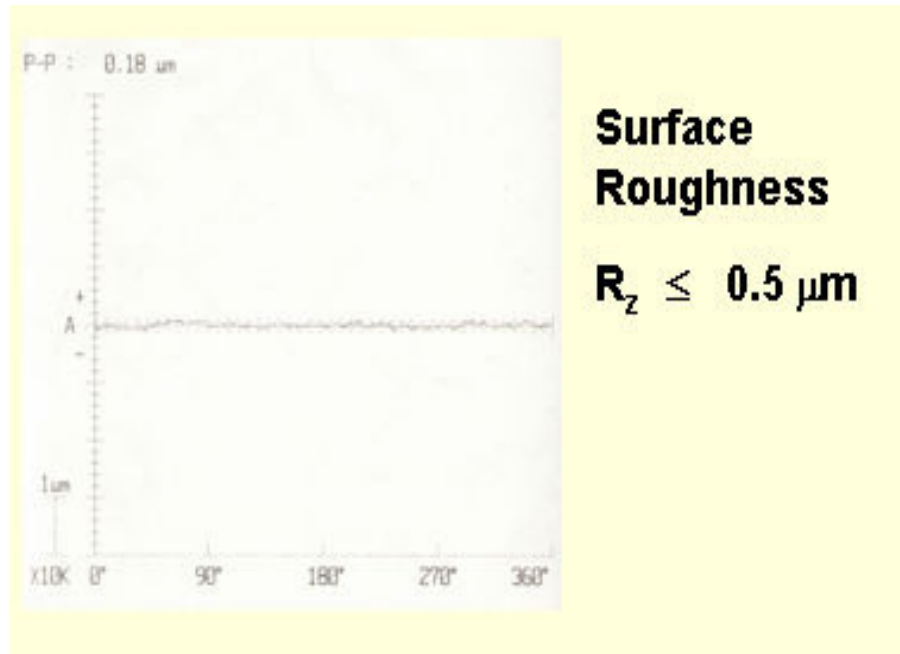
Cylindricity

Surface roughness

Outer diameter

PC tip

Length



O.D. Measurement

Inner diameter

Concentricity

Cylindricity

Surface roughness

Outer diameter

PC tip

Length



Ferrule Tip Measurement

Inner diameter

Concentricity

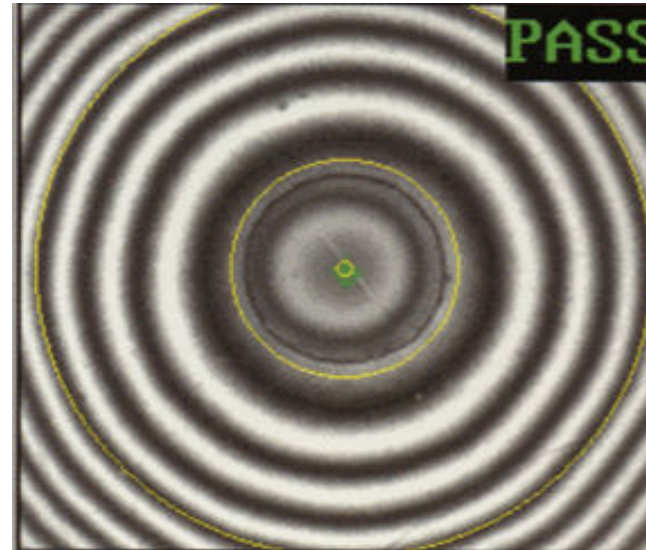
Cylindricity

Surface roughness

Outer diameter

PC tip

Length



Ferrule Length Measurement

Inner diameter

Concentricity

Cylindricity

Surface roughness

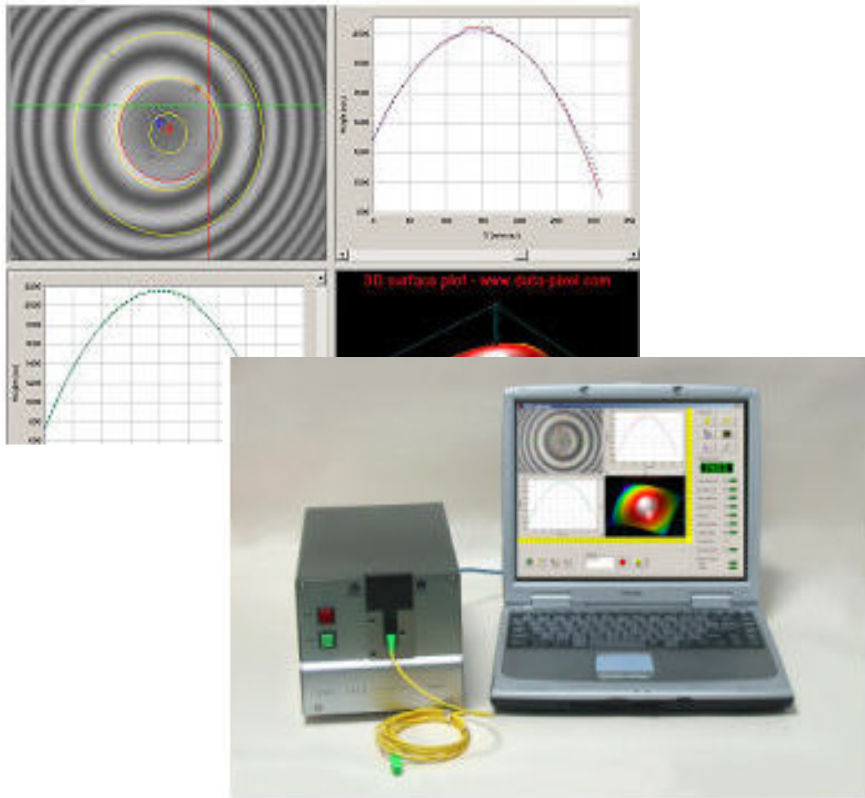
Outer diameter

PC tip

Length



Interferometer Measurement



We use interferometer to assure excellent repeatability and changeability.

Important geometry parameters:

Fiber Height: Max $\pm 50\mu\text{m}$

Apex Offset: 0—50 μm

Radius of curvature: 10—25mm

Certified Manufacturer's



SGS

Test Report No. S27XN00702099VLP Date: AUG 03, 2006 Page 1 of 1

SHEN ZHEN HUI 11 OPTICAL COMMUNICATION TECHNOLOGY CO., LTD.
5TH FLOOR, ZHEN HUA INDUSTRIAL PARK,
LONG HUA TOWA, BAO AN DISTRICT, SHEN ZHEN

Report on the submitted samples sent to be CERAMIC FERRULE

Sample Receiving Date: JUL 27, 2006
Testing Place: JUL 28, 2006 TQ AKS 03, 2006

Test Requested

- 1) Determination of Lead content in the submitted sample.
- 2) Determination of Cadmium content in the submitted sample.
- 3) Determination of Mercury content in the submitted sample.

Test Method

- 1) With reference to EPA 8000/1006 / Other acid digestion. Analysis was performed by Atomic Absorption Spectrometer (AAS).
- 2) With reference to EN 1122/2001 / Other acid digestion. Analysis was performed by Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES).
- 3) With reference to EPA Method 3052-1006 / other acid digestion. Analysis was performed by Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES).

Test Results

Element	Result
1) Lead (Pb)	< 2 ppm
2) Cadmium (Cd)	< 2 ppm
3) Mercury (Hg)	< 2 ppm

Note: < 2 ppm means
- Results shown are of the total weight of dry sample.

--- End of Report ---

Signed for and on behalf of
SGS-COTEC Ltd.

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SGS-COTEC Ltd. 11207, Route 88, Chippendale, New South Wales 1500, Australia. Tel: 61 (0)2 9333 8888 Fax: 61 (0)2 9333 8899
www.sgs.com

RoSH test report for ferrule

CTI Centre Testing International

Test Report

Report No. SHR0706183200C001 Date: Jun. 22, 2007 Page 1 of 1

Client: Wuxian Quyang Electronic Co., Ltd.
Address: Tiaochang Industry Zone Shiba Town Yangpu City Zhejiang Province

Report on the submitted sample sent to be

Sample Name: SC type cradle sleeve, SC cradle sleeve

Testing Item Description: Blue plastic

Part No. / Item No. / Material / Buyer / Supplier / Manufacturer / Sample received date / Complete date / Test Requested

Jun. 16, 2007 / Jun. 22, 2007 / According to RoHS directive and customer request, to determine the Lead, Cadmium, Hexavalent Chromium, Mercury and PBBs/PBDEs content in the submitted sample.

SHR0706183200C001

4F, Building 15-2, 908 Ningqiao Road, Jintan, Pudong, Shanghai, China
Tel: 86-21-50112889 Fax: 86-21-50543520
E-mail: shanghai@cti-cert.com
http://www.cti-cert.com

RoHS for connector kits

CTI Centre Testing International

Test Report

Report No. SHR0706183200C001 Date: Jun. 22, 2007 Page 1 of 1

Client: Wuxian Quyang Electronic Co., Ltd.
Address: Tiaochang Industry Zone Shiba Town Yangpu City Zhejiang Province

Report on the submitted sample sent to be

Sample Name: SC blue socket, SC data card

Testing Item Description: Blue plastic

Part No. / Item No. / Material / Buyer / Supplier / Manufacturer / Sample received date / Complete date / Test Requested

Jun. 16, 2007 / Jun. 22, 2007 / According to RoHS directive and customer request, to determine the Lead, Cadmium, Hexavalent Chromium, Mercury and PBBs/PBDEs content in the submitted sample.

SHR0706183200C006

4F, Building 15-2, 908 Ningqiao Road, Jintan, Pudong, Shanghai, China
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http://www.cti-cert.com

RoHS for connector kits



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