

LEAD Fiber Optics PRODUCT CATALOGUE

CERAMIC FERRULE

Ceramic Ferrule

Features

- Precise ID dimension
- Best concentricity
- 100% inspected
- Pre-Domed end face for quick termination
- Pre-angled end face available for quick termination
- High performance and superior durability



Applications

- Ferrules designed for ST, SC, FC, MU, LC connector
- Singlemode application
- Multimode application

Specifications

Style	Length (mm)	O.D (mm)		I.D. Tolerance (um)		Concentricity (um)		Spherical Radius
		SM	MM	SM	MM	SM	MM	
SC(FC)	10.5	2.499±0.0005	2.499±0.001	+1,-0	+3,-0	+1	+4	20+5/-10
ST	12.7	2.499±0.0005	2.499±0.001					20+5/-10
LC	6.4	1.249±0.0005	2.499±0.001					-
MU	6.5	1.249±0.0005	2.499±0.001					-

LEAD Fiber Optics Co.,Ltd.

TEL: 886-2-2949-8116

www.fiberoptic.com.tw

10F.-6, No. 347, Jingsin St., Jhonghe City, Taipei County 235, Taiwan (R.O.C)

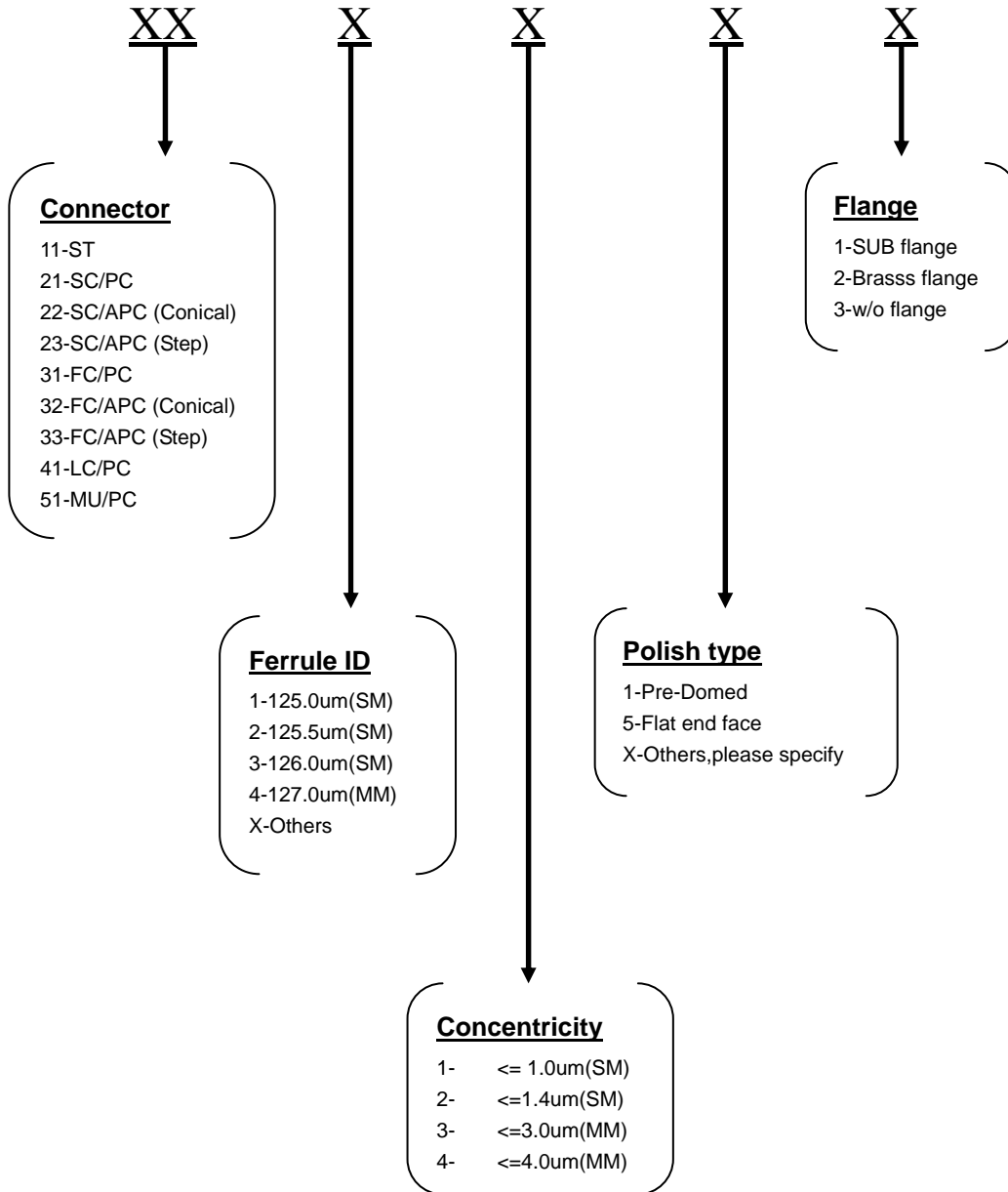
FAX: 886-2-2949-8117

sales@fiberoptic.com.tw

Lfo

Ceramic Ferrule Ordering information

FR



LEAD Fiber Optics Co.,Ltd.

TEL: 886-2-2949-8116

www.fiber optic.com.tw

10F.-6, No.347, Jingsin St., Jhonghe City, Taipei County 235, Taiwan(R.O.C)

FAX: 886-2-2949-8117

sales@fiber optic.com.tw

Lfo

LFO Ceramic Ferrule Series



ST Ceramic Ferrule

The ST ferrule use 2.5mm diameter Ceramic ferrules with PC End-face. The ferrule hole size 125um, 125.5um, 126um and hole concentricity of typically 1um are for singlemode performance; The ferrule hole size 126um, 126.5um, 127um and hole concentricity of typically 4 um are for multimode performance.



SC/FC Ceramic Ferrule

The SC/FC ferrule use 2.5mm diameter Ceramic ferrules with PC or APC End-face. The ferrule hole size 125um, 125.5um, 126um and hole concentricity of typically 1um are for singlemode performance; The ferrule hole size 126um, 126.5um, 127um and hole concentricity of typically 4 um are for multimode performance.



LC Ceramic Ferrule

The LC ferrule use 1.25mm diameter Ceramic ferrules with PC End-face. The ferrule hole size 125um, 125.5um, 126um and hole concentricity of typically 1um are for singlemode performance; The ferrule hole size 126um, 126.5um, 127um and hole concentricity of typically 4 um are for multimode performance.



MU Ceramic Ferrule

The MU ferrule use 1.25mm diameter Ceramic ferrules with PC End-face. The ferrule hole size 125um, 125.5um, 126um and hole concentricity of typically 1um are for singlemode performance; The ferrule hole size 126um, 126.5um, 127um and hole concentricity of typically 4 um are for multimode performance.

ST Ceramic Ferrule

Features

- High performance & durability
- Low insertion loss
- Low back reflection

Applications

- High performance fiber optic connectors used in environments requiring durability after repeated mating, low insertion loss and low back reflection
- ST fiber optic connectors
- Single mode and multimode



Specifications

ITEM	SM	MM
Length(mm)	12.7 mm	
Outer Diameter(mm)	2.499±0.0005	2.499±0.001
Inner Diameter(um)	+1,-0	+3,-0
Concentricity(um)	+1	+4

LEAD Fiber Optics Co.,Ltd.

TEL: 886-2-2949-8116

www.fiberoptic.com.tw

10F.-6, No. 347, Jingsin St., Jhonghe City, Taipei County 235, Taiwan (R.O.C)

FAX: 886-2-2949-8117

sales@fiberoptic.com.tw

Lfo

FC/SC Ceramic Ferrule

Features

- High performance & durability
- Low insertion loss
- Low back reflection
- APC type with various end face configurations, as well as pre-angled end face for quick polishing and ultra-low back-reflection

Applications

- High performance fiber optic connectors used in environments requiring durability after repeated mating, low insertion loss and low back reflection
- FC/SC fiber optic connectors
- Single mode and multimode



Specification

ITEM	SM	MM
Length(mm)	10.5 mm	
Outer Diameter(mm)	2.499±0.0005	2.499±0.001
Inner Diameter(um)	+1,-0	+3,-0
Concentricity(um)	+1	+4

LEAD Fiber Optics Co.,Ltd.

TEL: 886-2-2949-8116

www.fiberoptic.com.tw

10F.-6, No. 347, Jingsin St., Jhonghe City, Taipei County 235, Taiwan (R.O.C)

FAX: 886-2-2949-8117

sales@fiberoptic.com.tw

Lfo

LC Ceramic Ferrule

Features

- High performance & durability
- Low insertion loss
- Low back reflection

Applications

- High performance fiber optic connectors used in environments requiring durability after repeated mating, low insertion loss and low back reflection
- LC fiber optic connectors
- Single mode and multimode



Specifications

ITEM	SM	MM
Length(mm)	6.4 mm	
Outer Diameter(mm)	1.249±0.0005	2.499±0.001
Inner Diameter(um)	+1,-0	+3,-0
Concentricity(um)	+1	+4

LEAD Fiber Optics Co.,Ltd.

TEL: 886-2-2949-8116

www.fiberoptic.com.tw

10F.-6, No. 347, Jingsin St., Jhonghe City, Taipei County 235, Taiwan (R.O.C)

FAX: 886-2-2949-8117

sales@fiberoptic.com.tw

Lfo

MU Ceramic Ferrule

Features

- High performance & durability
- Low insertion loss
- Low back reflection

Applications

- High performance fiber optic connectors used in environments requiring durability after repeated mating, low insertion loss and low back reflection
- MU fiber optic connectors
- Single mode and multimode



Specifications

ITEM	SM	MM
Length(mm)	6.5 mm	
Outer Diameter(mm)	1.249±0.0005	2.499±0.001
Inner Diameter(um)	+1,-0	+3,-0
Concentricity(um)	+1	+4

LEAD Fiber Optics Co.,Ltd.

TEL: 886-2-2949-8116

www.fiber optic.com.tw

10F.-6, No. 347, Jingsin St., Jhonghe City, Taipei County 235, Taiwan (R.O.C)

FAX: 886-2-2949-8117

sales@fiber optic.com.tw

Lfo