

Fiber Optic Accessories

Ceramic Ferrule & Split Sleeve

Overview

Ceramic ferrules are the core components of fiber optic products. Split sleeves are mainly used in adaptors, which would be used to connect and align two inserted ceramic ferrules together. The quality of ferrule and split sleeve determines in great sense the performance of other components such as connectors, patch cords, etc. Custom length, inner and outer dimensions are available upon request.



Features

- Type: SC, LC, MU, LC
- Good performance of temperature stability
- High performance of mechanical durability and anti-erosion
- Good concentricity and dimensional accuracy
- Low insertion loss and high return loss
- Standard and custom configuration

Application

- Fiber stub
- Female to Male attenuator
- Single mode and Multimode network
- SC, FC, MU, LC and other fiber optic connectors



Ceramic Ferrule Specifications

Type	Concentric Degree	Inside Diameter	Outside Diameter
SC&FC/SM	≤0.001	Ø 0.125+0.001/-0mm	Ø 2.4990±0.0005mm
SC&FC/MM	≤0.004	Ø 0.1255+0.0015/-0mm	Ø 2.499±0.001mm
LC/SM	≤0.001	Ø 0.125+0.001/-0mm	Ø 1.2490±0.0005mm
LC/MM	≤0.004	Ø 0.1255+0.0015/-0mm	Ø 1.2490±0.0005mm
MU/SM	≤0.001	Ø 0.125+0.001/-0mm	Ø 1.2490±0.0005mm
MU/MM	≤0.004	Ø 0.1255+0.0015/-0mm	Ø 1.2490±0.0005mm

Ceramic Sleeves Specifications

Type	Length	Inside Diameter	Outside Diameter
50mm Sleeve (For SC/FC Adapter)	4.0~14.5mm	Ø 2.500±0.005mm	Ø 3.2~4.0mm
25mm Sleeve (For LC/MU Adapter)	3.5~9.8mm	Ø 1.250±0.005mm	Ø 1.62~2.0mm

