

# SC Series

## Connector (One-piece Type)

### Features:

- Precise Dimension
- Excellent Durability
- Zirconia Ferrule Provides Extra Low & Stable Loss

**Ferrule ID (mm):** 0.125-0.127

**Ferrule OD (mm):** 2.499 ± 0.0005 for SM (± 0.001 for MM)

**Boot ID (mm):** 0.9, 2.0, 2.4, 3.0



## Patchcord/ Pigtail

### Fiber Diameter:

Singlemode: 9/125 μm

Multimode: 50/125 μm; 62.5/125 μm

**Cable/Boot ID (mm):**

0.9, 2.0, 2.4, 3.0

### Max. Insertion Loss:

≤0.3dB (SM/PC, SPC, UPC)

≤0.4dB (SM/APC)

≤0.5dB (MM)

### Typical Return Loss: (For SM Only)

≥45dB (PC)

≥50dB (SPC)

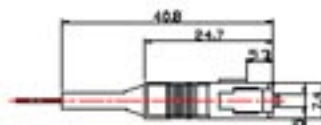
≥55dB (UPC)

≥65dB (APC)

**Temp. Range:** -40°C to +75°C



One piece SC connector for 2.0mm CABLE



One piece SC connector for 3.0mm BUFFERED FIBER

## Adaptor

### Features

- Precise Sleeve for Excellent Alignment
- Perfect Durability for Low Connection Loss

### Typical Insertion Loss:

≤0.15dB (For SM)

≤0.20dB (For MM)

### Durability:

<0.2dB change after 500 cycles

### Alignment Sleeve Material:

Ceramic/ Phosphor Bronze

**Temp. Range:** -40°C to +75°C

