

ST PREMIUM CONNECTOR 215 Series



ST Premium
Connector

The Senko ST Premium Connector is a legacy metal body bayonet style connector that has been a staple in older LAN and campus environments. Known for its rugged bayonet mounting, this connector ensures a secure and reliable connection, making it a trusted choice for many professionals. Available in both single-mode and multimode options, the ST Premium Connector caters to a variety of fiber optic needs. Its premium quality ferrule is designed to provide low loss, ensuring optimal performance in data transmission. The metal body of the connector enhances its durability, allowing it to withstand harsh conditions and extended use. This combination of features makes the Senko ST Premium Connector a reliable and durable solution for fiber optic connections, particularly in legacy systems where performance and longevity are critical. Its continued use in older networks is a testament to its quality and reliability.

FEATURES

- Legacy metal bayonet body
- Single-mode and multimode options
- Durable and reliable
- Suitable for legacy applications
- Precision 2.5 mm ferrule

APPLICATIONS

- Telecommunications
- Data centers
- Test and measurement equipment
- Industrial applications
- Medical equipment
- Military and aerospace
- Broadcast
- Medical equipment

KEY BENEFITS

- ✓ **Legacy systems compatibility**
- ✓ **Simple termination and installation**
- ✓ **Secure connection**
- ✓ **Cost effective**
- ✓ **Environmental resistance**

Mechanical Data

| | Value |
|-------------------|-------------------------------------|
| Durability | <0.1 dB typical change, 500 matings |
| Fiber Count | Simplex (1 fiber) |
| Cable Suitability | 900 μm to 3 mm |
| Ferrule Material | Zirconia |

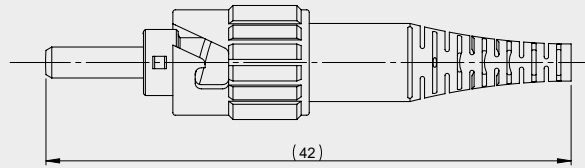
Optical Data

| | Singlemode | | Multimode |
|-----------------------------|------------|---------|-----------|
| | UPC | UPC | MM |
| | Low Loss | Premium | Premium |
| Typical Insertion Loss (dB) | 0.05 | 0.1 | 0.15 |
| Max Insertion Loss (dB) | 0.15 | 0.2 | 0.2 |
| Typical Return Loss (dB) | ≥55 | | ≥25 |
| Ferrule Diameter (μm) | 125 μm | | 127 μm |

Environmental Data

| | Value |
|-----------------------|----------------|
| Operating Temperature | -40°C to +75°C |
| RoHS Compliance | Yes |
| REACH Compliance | Yes |

Connector Drawing



Note: 1. All dimensions are in mm.
2. ST Premium 2mm Mini Boot shown, other options are available.
3. Specifications subject to change without notice.

ORDERING



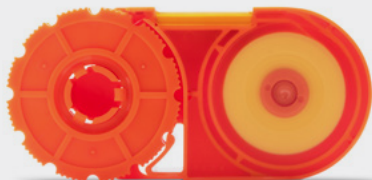
| CONNECTOR | FERRULE TYPE | BOOT TYPE | BOOT COLOR |
|-----------|-------------------------|--------------------------|------------|
| 215 | 103 SM: Premium 125 µm | 7 Long 3.0 mm | 1 Blue |
| | 109 SM: Low Loss 125 µm | A Long 2.0 mm | 2 Black |
| | 201 MM: Premium 127 µm | M Standard 900 µm | 3 Green |
| | | N Standard 2.0 mm | 4 Red |
| | | P Standard 3.0 mm | 6 Yellow |
| | | J MINI 900 µm | 7 White |
| | | K MINI 2.0 mm | 8 Beige |
| | | L MINI 3.0 mm | 9 Aqua |
| | | F Flex Angle Boot 3.0 mm | |

215 - 103 - 76 ORDER CODE example

Note: Other ferrule ID size are available
SM 81 µm SM 126 µm SM 125.5 µm MM 230 µm MM 144 µm

Accessories - Production/Cleaning**Smart Cleaner™****Cassette**

PN: SCK-CC-100

**Smart Cleaner™****2.5 mm Clicker**

PN: SCK-SS-250

Refill PN: SCK-SS-250-R

**SC Crimp Tool**

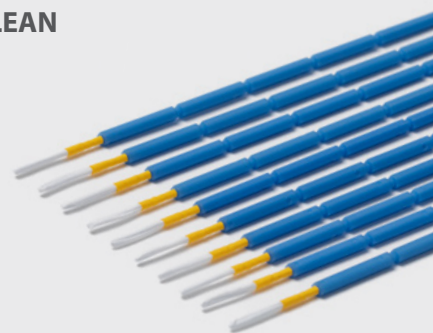
PN: CRT-401 SC, FC, ST One Piece Connectors

CRT-501 SC Connector Kit 132 Series

CRT-705 SC/LC 1.2 mm Connector

**2.5 mm NEOCLEAN
Cleaning Stick**

PN: CSK-02

**Accessories - Interferometry****SUMIX Max W+ Inspection Scope**

PN: SMX-MANTA-W+



The MANTA W+ inspection scope is designed for high-performance inspection of all types of single fiber and multi-fiber optical connectors, patch cords and bulkheads. The MANTA HM inspection scope is used to detect scratches, contamination and other surface defects as small as 0.75 μm on the end face of the connector.

SUMIX Max QM+ Inspection Scope

PN: MAX-QM+



The MAX-QS+ is a white-light and phase-shift interferometer for inspection of single fiber ST, FC, SC, LC, CS, SN, E2000™ (PC and APC), small format multi-fiber MT-RJ (PC and APC), SMA and special connectors. MAX-QS+ features portable design, autofocus, 100 micron scan range for fiber height and resolution of 1.1 μm .

Contact sales@senko.com
or visit our website for more details

**Contact
SENKO**

SENKO[®]

Advanced Components

sales@senko.com
1-858-623-3300

senko.com/contact