

SC QUICK TOOLLESS FAST CONNECTOR

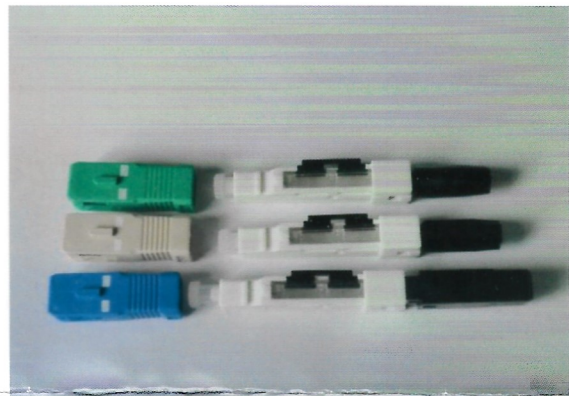
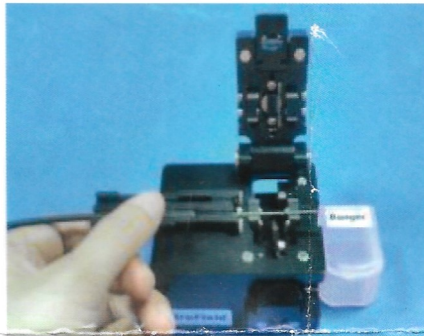
Our Kuwes fast connector also named, **No-polish** connector or **Quick assembly** connector is an easy to install device. No tool or jig is required.
Its universal type is for **250um / 900um / 2.0mm / 3.0mm**.

*No-Tool
& Visible*

We use V-Groove technology, it do not need epoxy. With transparent body.
The connecting result can be seen by fiber checker immediately.
Ruler for flat cable type assists user for fast stripping and cleaving without measuring the length

Features:

- **Transparent for immediate connecting confirmation**
- Pre-polished connector **with fiber stub**
- No Tool or Jig required
- Universal for 250um / 900um / 2.0mm / 3.0mm
- No epoxy required
- 30 seconds for connecting
- Mean Insertion Loss 0.1 dB
- Re-useable
- Customization for other fibers



Purchasing information:

| Item No. | Description | Housing Color |
|------------------|---|-------------------|
| KSQC-SC09-SM-UPC | SC/UPC SM Fast Connector, Universal | Blue |
| KSQC-SC09-SM-APC | SC/APC SM Fast Connector, Universal | Green |
| KSQC-SC09-MM-50 | SC MM Fast Connector, Universal (50/125) | Beige |
| KSQC-SC09-MM-62 | SC MM Fast Connector, Universal (62.5/125) | Beige (Grey spot) |
| KSQC-SC09-MM-OM3 | SC MM Fast Connector, Universal (10G/OM3) | Aqua |
| KSQC-SC09-MM-OM4 | SC MM Fast Connector, Universal (OM4) | Aqua (Pink spot) |
| KSQC-SC19-SM-UPC | SC/UPC SM Fast Connector, Low Friction Indoor Cable | Blue |
| KSQC-SC19-SM-APC | SC/APC SM Fast Connector, Low Friction Indoor Cable | Green |
| KSQC-SC29-SM-UPC | SC/UPC SM Fast Connector, Flat Cable | Blue |
| KSQC-SC29-SM-APC | SC/APC SM Fast Connector, Flat Cable | Green |
| | Customized SC Fast Connector for special Cable | NA |

*Each KSQC-SC09 contains 0.9mm & 2.0mm tube.

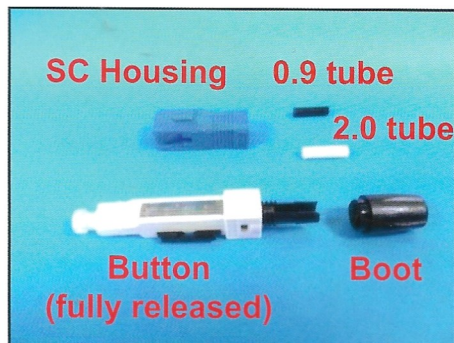
Specifications:

| | |
|------------------------------|--|
| Cable Size | 250um / 900um / 2.0mm / 3.0 mm / Flat Cable/ Low Friction Cable |
| Assemble Time | 30 seconds (after preparing fiber ends) |
| Insertion Loss (dB) | Typical: 0.3 / Maximum: 0.5 |
| Return Loss (dB), Typical | -50 ~ -55dB |
| Pull Strength (kgf), Typical | Universal: 0.5kgf (900um); 6kgf (3.0mm); 2kgf (Flat Cable) Flat cable Type: 3kgf, Low Friction Cable Type: 10kgf |
| Operating Temperature (°C) | -40 ~ +80 |
| Materials | Engineering Plastics & Index matching gel |

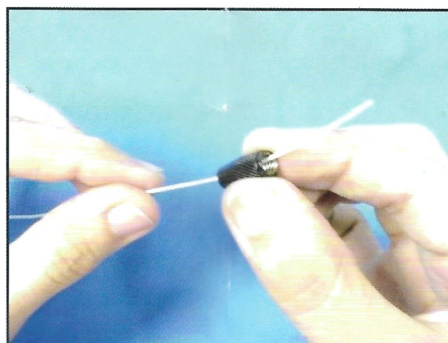
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User's Manual

P/N.KSQC-SC09 Series



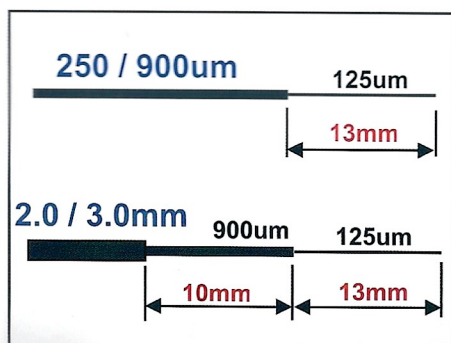
Parts information.
(Make sure Button is fully released before use.)



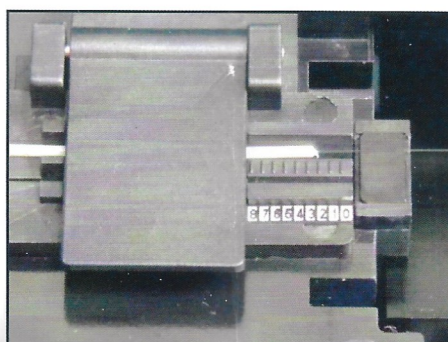
1. Wear Boot

| Fiber / Cable | Tube |
|---------------|------------|
| 0.25mm | Black tube |
| 0.9 mm | Black tube |
| 2.0 mm | White tube |
| 3.0 mm | N/A |

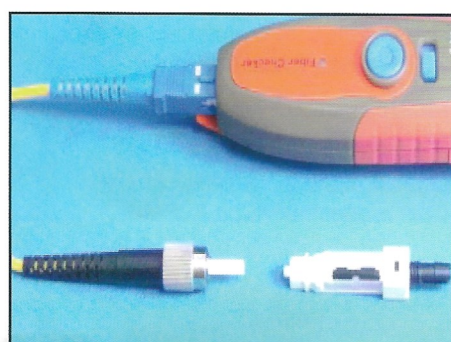
2. Wear Tube



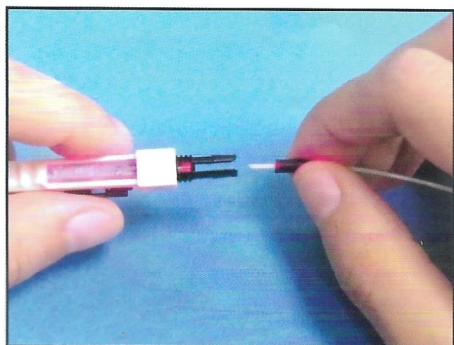
3. Prepare fiber as the dimension shown above. Strip and clean it. Perform its bending test.



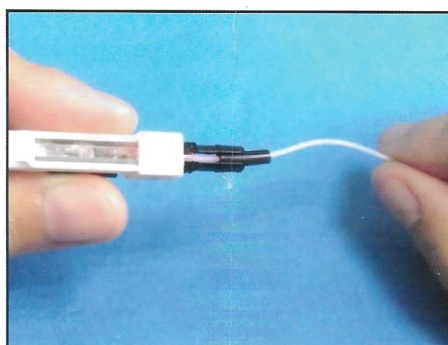
4. Cleave fiber precisely.



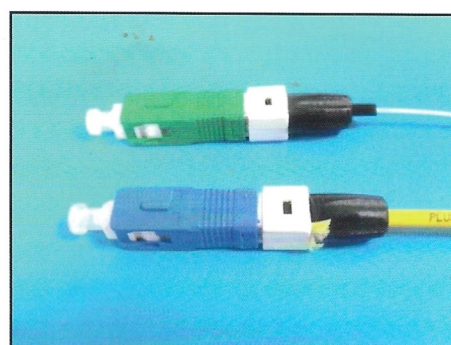
5. Remove Dust Cap and clean Ferrule. Connect with fiber checker to check its loss. This step is strongly recommended for a good connection.



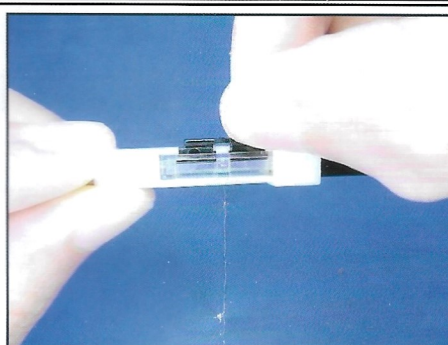
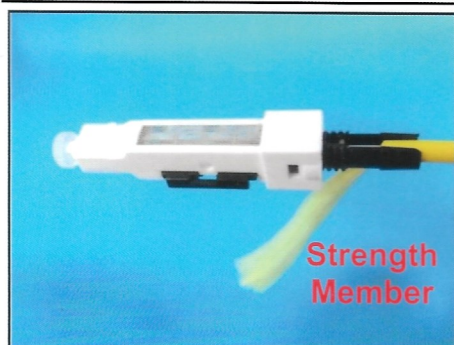
6. Insert fiber to KSQC until it touches the fiber inside.



7. Form a small curve. Then, press Button to connect two fibers. You will see no leakage of red light for a low loss connection.



8. Lock Boot. Wear Dust Cap and Housing. Now the job is done.



How to connect it with 3.0mm cable? Insert fiber as shown above. Cut strength member after locking Boot.

How to re-use it?
Releasing its Button can be done by finger nail.

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