

## Surelight Field Installable SC Connector Kits



### Product Description

The Surelight Field Installable Connector Series are pre polished, pre assembled connectors that can be installed on the job site within two minutes. These highly reliable low loss connectors are available in Singlemode and Multimode, APC and UPC. 900um, 2.0mm, and 3.0mm versions are available. They are reusable up to 5 times.

### Applications

|                               |
|-------------------------------|
| Fiber To The Home (FTTH)      |
| Fiber Optic Telecommunication |
| Fiber Distribution Frame      |
| Optical Cable Interconnection |
| Cable Television              |

## General Specifications

| Parameter                     | Specification  |
|-------------------------------|--|
| <b>Standard:</b>              | TIA / EIA 604-10 (LC)                                      |
| <b>Insertion Loss:</b>        | Typical .3dB Max .5dB                                      |
| <b>Return Loss:</b>           | Typical 50dB Max 55dB (UPC)<br>Typical 55dB Max 60dB (APC) |
| <b>Durability:</b>            | ≤ .3dB, 500 Matings  |
| <b>Tension:</b>               | ≤ .2dB Change 3kg  |
| <b>Operating Temperature:</b> | -40 °C to +75 °C   |

## Ordering

| SC Surelight Connector Kits |   |
|-----------------------------|---|
| Stock ID                    | Description   |
| 066-024-10                  | Singlemode SC/UPC Connector Blue Housing 9/125        |
| 066-025-10                  | Singlemode SC/APC Connector Green Housing 9/125       |
| 066-027-10                  | Multimode SC/UPC Connector Beige Housing 62.5/125 OM1 |
| 066-132-10                  | Multimode SC/UPC Connector Black Housing 50/125 OM4   |

| 2mm SC Surelight Connector Kits |   |
|---------------------------------|---|
| Stock ID                        | Description                                   |
| 066-223-10                      | Singlemode SC/UPC Connector Blue Housing 2mm  |
| 066-222-10                      | Singlemode SC/APC Connector Green Housing 2mm |

| 3mm SC Surelight Connector Kits |   |
|---------------------------------|---|
| Stock ID                        | Description                                   |
| 066-215-10                      | Singlemode SC/UPC Connector Blue Housing 3mm  |
| 066-214-10                      | Singlemode SC/APC Connector Green Housing 3mm |

### Contact Us

| North America   | Europe, Middle East & Africa  | Latin & South America  |
|---|---|--|
| Tel: +1 440 366 6966<br>Fax: +1 440 366 6802<br>Email: <a href="mailto:engsupport@gomultilink.com">engsupport@gomultilink.com</a> | Tel: +1 440 366 6966<br>Fax: +1 440 366 6802<br>Email: <a href="mailto:engsupport@gomultilink.com">engsupport@gomultilink.com</a> | Tel: +1 954 499 9203<br>Mobile: +1 305 684 2388<br>Email: <a href="mailto:hquinones@gomultilink.com">hquinones@gomultilink.com</a> |

# Multilink®

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Multilink Inc.  
 580 Ternes Ln  
 Elyria, OH 44035  
 Tel: (440) 366-6966  
 Fax: (440) 366-6802



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| Tel: +1 440 366 6966<br>Fax: +1 440 366 6802<br>Email: <a href="mailto:engsupport@gomultilink.com">engsupport@gomultilink.com</a> | Tel: +1 440 366 6966<br>Fax: +1 440 366 6802<br>Email: <a href="mailto:engsupport@gomultilink.com">engsupport@gomultilink.com</a> | Tel: +1 954 499 9203<br>Mobile: +1 305 684 2388<br>Email: <a href="mailto:hquinones@gomultilink.com">hquinones@gomultilink.com</a> |

Contact Us