# LC UPC to FC UPC Simplex
# G.652.D Single Mode PVC 2.0mm -2m(6ft) FOPC
# 1131S112-2 (7242129)

## Product Specification

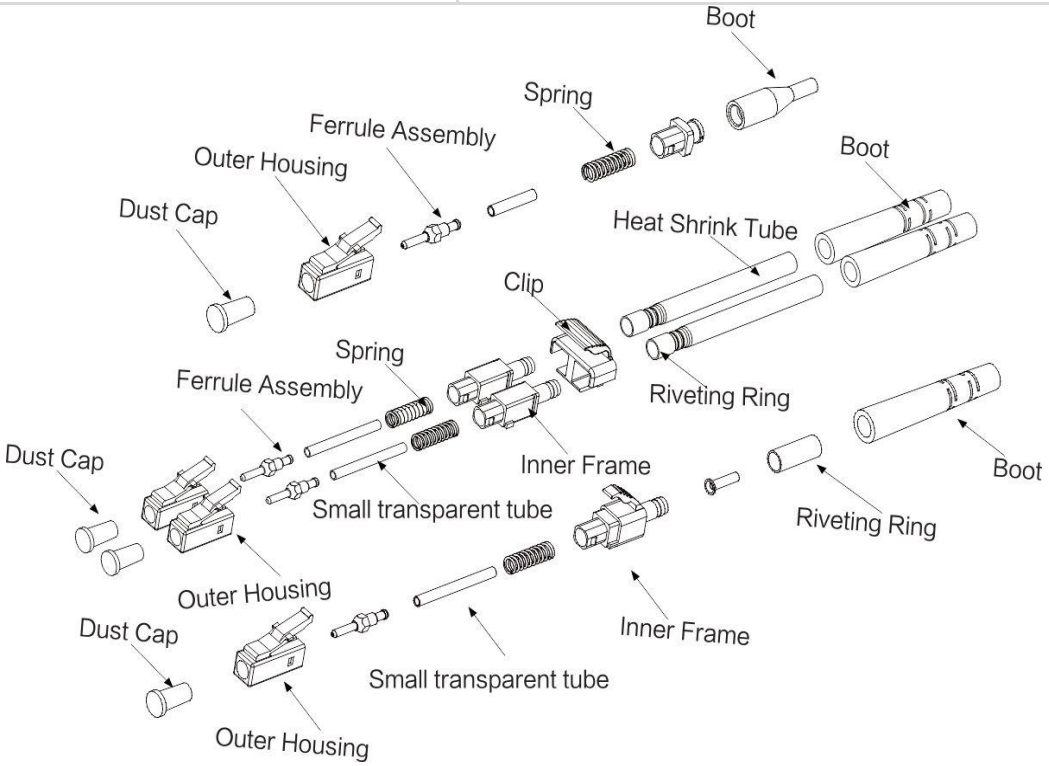
### Fiber Optic Cable

| | | |
|---|---|---|
| Fiber Type | | Single-mode: OS2 ( **G.652.D** / G.657.A1 / G.657.A2) |
| | | Multi-mode: OM1(62.5/125), OM2(50(125), [(OM3, OM4) (50/125,Laser Optimization)] |
| Fiber Count | | Simplex / Duplex |
| Cable Jacket | | Main material: **PVC** / LSZH / Plenum (OFNP) |
| | | OD: Simplex: **0.9**/2.0/3.0mm Duplex: 0.9/2.0/3.0mm |
| Jacket Color | | **Yellow**: SM: OS2 ( G.652.D / G.657.A1 / G.657.A2) |
| | | **Orange**: OM1, OM2 |
| | | **Aqua**: OM3, OM4 |
| Cable Length | | 1m, **2m**, 3m. other lengths on request |
| Mechanical Specification | Ferrule | Ceramic; (MTRJ: PS-Polyphenylene Sulphide) |
| | Apex Offset | < 50um |
| | Fiber Height | ± 100nm |
| | Radius of Curvature | 7mm R < 25mm (Excluding MTRJ) |
| | Repeatability | ≤ 0.2dB 1,000 times mating cycles |

## Product Specification

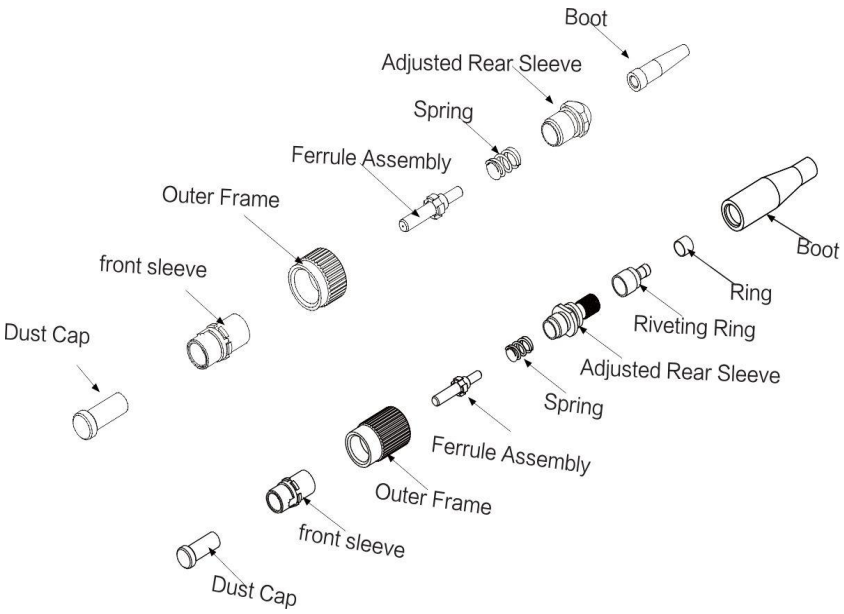
### Connector

| | |
|---|---|
| A Connector Type | LC, SC, FC, ST, MU, MTRJ, LSH, E-2000 |
| | LC ( Lucent Connector/Little Connector/Local Connector)<br>Typical Application: High density connections,<br>SFP and SFP+ transceivers, XFP transceivers |



## Connector

| | |
|---|---|
| B Connector Type | LC, SC, FC, ST, MU, MTRJ, LSH, E-2000 |
| | FC ( Ferrule Connector)<br>Typical Application:<br>Datacom,telecom,measurement,equipment,single mode lasers |




| Parameter | LC UPC | FC UPC |
|---|---|---|
| | SM(OS2)G.652.D/G.657.A1/G.657.A2 | |
| Operating Wavelength(nm) | 1310-1550 | |
| Insertion Loss (dB) | ≤ 0.3 | ≤ 0.3 |
| Return Loss (dB) | ≥ 55 | ≥ 55 |
| Repeatability (dB) | ≤ 0.1 | ≤ 0.1 |
| Interchangeability (dB) | ≤ 0.2 | ≤ 0.2 |
| Tensil Strength (N) | ≥ 1000 | ≥ 1000 |
| Operating Temperature (℃) | -20 ~ +85 | -20 ~ +85 |
| Storage Temperature (℃) | -40 ~ +85 | -40 ~ +85 |

| Zion Code | Description |
|---|---|
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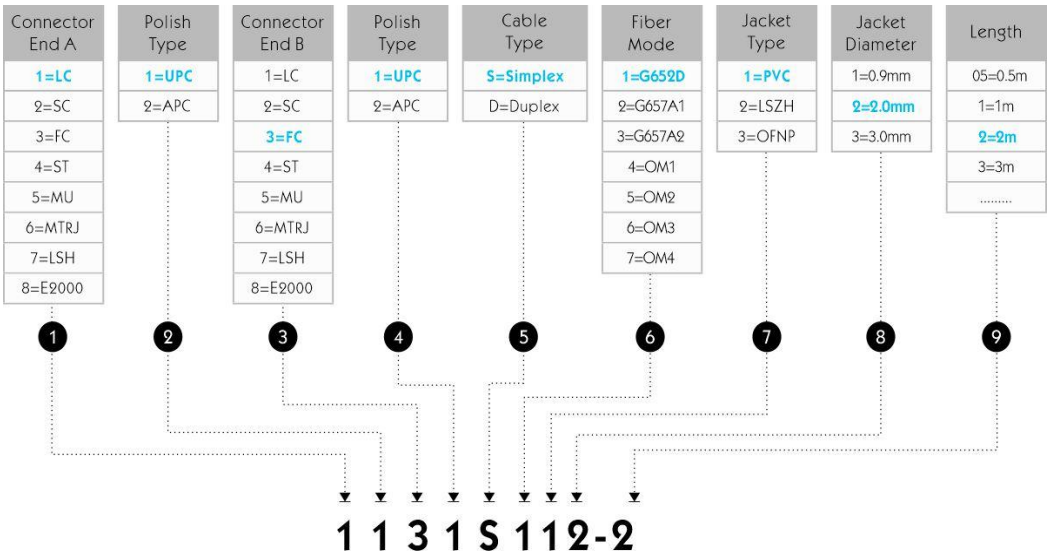
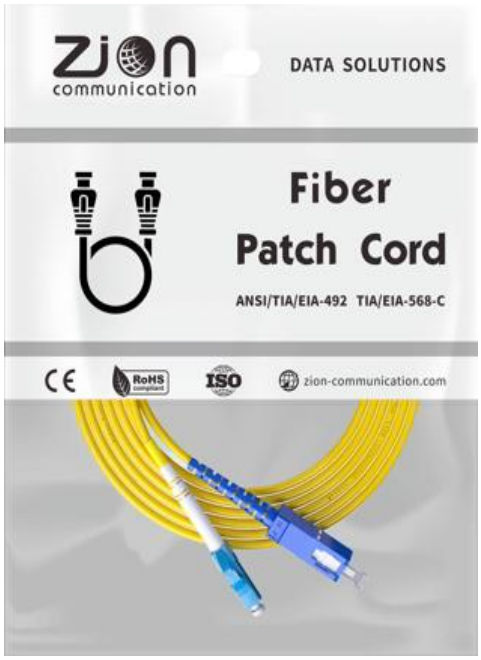


## OEM/ODM service for you

**ZION Communication has rich expiriences in producing OEM/ODM cases becaused of Profession R & D team.**

- Customized Logo
- Printing on Cable
- Label/PE bag/Carton design
- Different Color & Different Lengths Available