

Technical Specifications

SWIFT-FX PSPL 12Port MPO Terminal

HODT-PSPL-0012-MA-SA

| Mating method | Distribution | Input | Output |
|----------------|----------------|---------|--------|
| Push-Pull type | Point to Point | MPO/APC | SC/APC |

1. General

UCL hardened terminals use a distinctive Push-Pull mating technology that allows easy and quick mating process compared to conventional screw type.

HODT-PSPL-0012 MPO terminal breaks out a multiple fibers into discrete single output ports in order to support P2P(Point to Point) application. MPO Terminal is installed at nearest point to the subscribers and stub cable goes into the centralized point(FDH) or closure



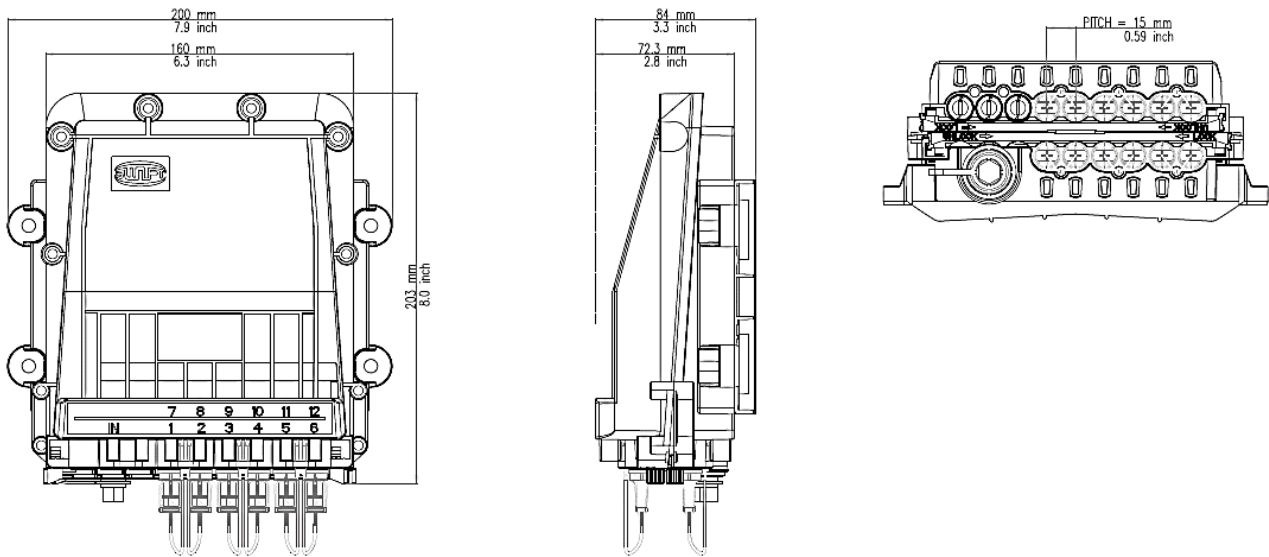
2. Features and Benefits

- **Easy, Quick and Simple Access**
Push-Pull mating technology gives operator at the field easy access to the terminal compared to conventional screw type.
- **Compact Size**
Compact size compared to conventional terminals.
Mountable at small space facilities like Handhole, Pedestal installation.
- **Any Place Installation**
Designed to withstand the rugged outside plant environment and installable at optimized position in order to minimize the total drop cable length.

3. Products Specification

| | | |
|-------------------|------------------|---|
| General | Input port | MPO 12fibers |
| | Output port | 12 ports, SC/APC, Push-Pull type hardened connector |
| | Dimension(HxWxD) | 203x200x84 mm (Including mounting bracket) |
| | Installation | Pole, Wall, Strand, Handhole, Pedestal |
| Optical | Insertion Loss | Max. 0.5dB |
| | Return Loss | Min. 60dB |
| IP Classification | | IP68 |

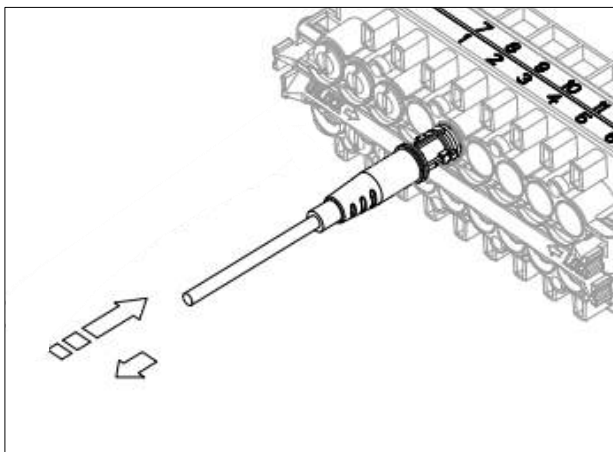
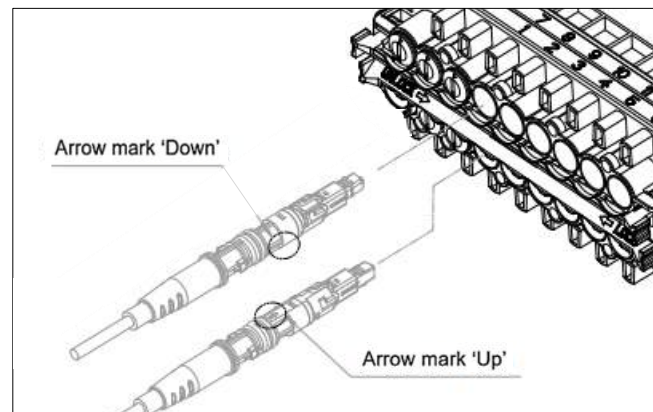
4. Drawing



5. Push & Pull mating mechanism

• Connecting Hardened Push-Pull Connector to HODT-PSPL

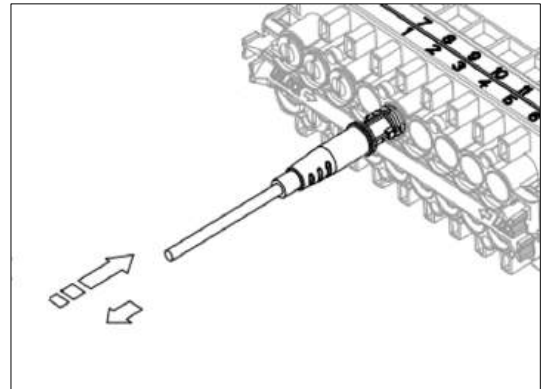
- 1) Slide locking bar to UNLOCK direction.
- 2) When connecting to lower ports, point 'arrow mark' up on the connector. For upper layer ports, point 'arrow mark' down.



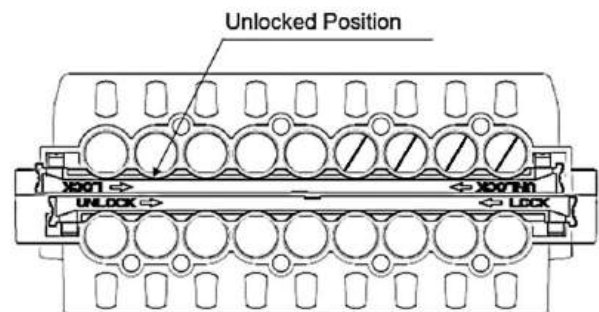
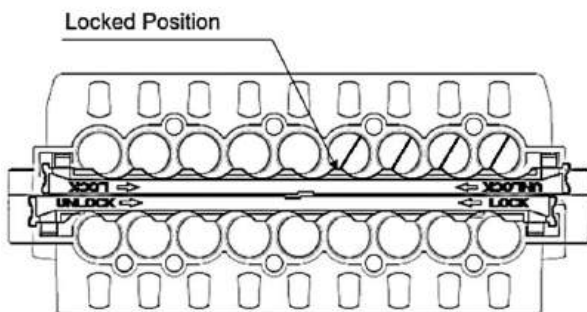
- 3) Push and pull PSPL hardened connector into designated port of terminal.
- 4) Slide locking bar to LOCK direction.

• *Disconnecting Hardened Push-Pull Connector from HODT-PSPL*

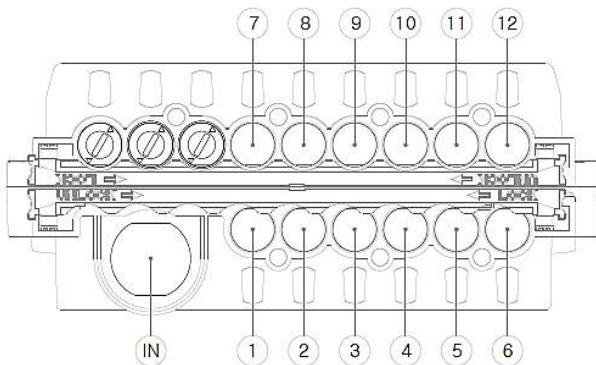
- 1) Slide locking bar to UNLOCK direction.
- 2) Push and pull the connector out of terminal.
- 3) Slide locking bar to LOCK direction.



• *Locking bar Position (Locking & Unlocking)*



6. Port Configuration



| Port | IN | 1 | 2 | 3 | 4 | 5 | 6 | | |
|-----------|-----------------------------------|-------|--------|--------|--------|-------|-------|--|--|
| Function | IN | Drop1 | Drop2 | Drop3 | Drop4 | Drop5 | Drop6 | | |
| Port | | 7 | 8 | 9 | 10 | 11 | 12 | | |
| Function | | Drop9 | Drop10 | Drop11 | Drop12 | NA | NA | | |
| Interface | Input : Screw type, Output : PSPL | | | | | | | | |
| Connecter | Input : MPO/APC, Output : SC/APC | | | | | | | | |

7. Ordering Information

| Part Number | Description |
|----------------------|---|
| HODT-PSPL-0012-MA-SA | Hardened PSPL MPO Terminal, Point to Point(P2P), Input : MPO, L : length, N : without connector, Drop : 12 ports PSPL |
| MG-PL00-A | Mounting gear, Pole bracket (Wire band) |
| MG-ST00-A | Mounting gear, Strand mounting bracket |
| MG-ST00-B | Mounting gear, ADSS(Cable) mounting bracket |

8. Related Products

| Classification | Product Number | Description |
|-------------------------------|-----------------------------|---|
| Hardened Fusion SOC PSPL type | HFSOC-A2/P-SC/APC-PSPL-5000 | G.657.A2, Pre-Cleaved SC/APC , Push-Pull type, Assembly with 5.0mm round cable |
| | HFSOC-A2/P-SC/APC-PSPL-5020 | G.657.A2, Pre-Cleaved SC/APC , Push-Pull type, Assembly with 5.0x2.0mm flat cable |
| | HFSOC-A2/P-SC/APC-PSPL-5430 | G.657.A2, Pre-Cleaved SC/APC , Push-Pull type, Assembly with 5.4x3.0mm cable |
| | HFSOC-A2/P-SC/APC-PSPL-6100 | G.657.A2, Pre-Cleaved SC/APC , Push-Pull type, Assembly with 6.1mm round cable |
| | HFSOC-A2/P-SC/APC-PSPL-8145 | G.657.A2, Pre-Cleaved SC/APC , Push-Pull type, Assembly with 8.1x4.5mm flat cable |
| Drop Cable | DRC-RD-PE5000B-PV270901 | 5.0mm round, Double jacket, MDPE & PVC |
| | DRC-FLAT-LZ5020B-FRSL2501 | 5.0x2.0mm Flat, FRP, Solid wire, LSZH |
| | DRC-FLAT-PE8145B-PV29PV0901 | 8.1x4.5mm Flat, All-Dielectric, PE |

9. Documents

| Document Number | Description |
|------------------------|--|
| IG-HODT-0012MAST-WL/HL | Installation manual on the Wall and Handhole |
| IG-HODT-0012MAST-PL | Installation manual on the Pole |
| IG-HODT-0012MAST-ST | Installation manual on the Strand |