

# Technical Specifications

## *PSPL Hardened Preconnectorized Drop Cable with 5.0mm Round Drop Cable*

| Interface        | Connector type | Fiber type    | Cable       |
|------------------|----------------|---------------|-------------|
| Push&Pull mating | SC/APC         | OS2(G.657.A2) | Round 5.0mm |

## 1. General

UCL's PSPL Preconnectorized drop cable assemblies, terminated on the round 5.0mm drop cable simplify connections at the customer's residence. It reduces installation time and costs throughout fiber distribution access networks. It allows easier testing during installation and quicker connection for service upgrades.

## 2. Features and Benefits

- Easy and fast connection, Plug-and-Play
- Smaller size makes installations easier.
- Intuitive and easy to connect to hardened adapters on terminals or closures.

## 3. Specifications

### 3.1 Optical Performance

|                           |                |      |                        |
|---------------------------|----------------|------|------------------------|
| Singlemode<br>(OS1 & OS2) | Insertion Loss | Typ. | 0.15dB                 |
|                           |                | Max  | 0.30dB                 |
|                           | Return Loss    | min. | 55dB (UPC), 65dB (APC) |

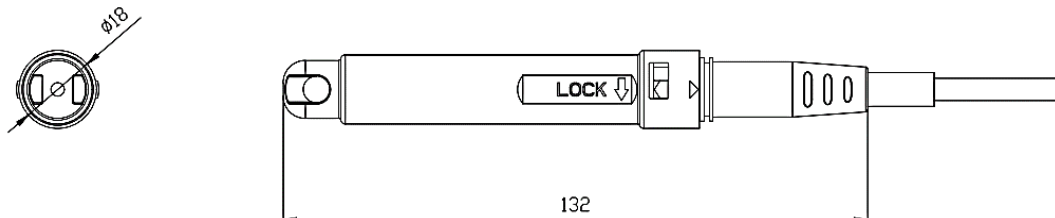
### 3.2 Temperature Range

|           |               |
|-----------|---------------|
| Operation | -40°C to 75°C |
|-----------|---------------|

### 3.3 Mechanical Properties

|                           |                                |
|---------------------------|--------------------------------|
| Cap/Plug tensile load     | 0 degree, 45.5kgf, 60 seconds  |
| Plug/Adapter tensile load | 0 degree, 11.3 kgf, 60 seconds |
| Plug/Adapter side pull    | 90 degree, 6.8 kgf, 60 seconds |
| IP Classification         | IP68                           |

## 4. Dimension



## 5. Ordering Information

| Part Number                | Product Description                                             |
|----------------------------|-----------------------------------------------------------------|
| HDPC-A2-5000-PSPL-PSPL-000 | G.657.A2, SC/APC, PSPL type, 5.0mm round cable, 000meter length |

## 6. Related Products

| Classification | Product Number          | Description                                                              |
|----------------|-------------------------|--------------------------------------------------------------------------|
| Drop Cable     | DRC-PE5000B-PV2709-A201 | 5.0mm Round, PE outer sheath with FRP.<br>2.7mm inner jacket OFNR, 1core |