



## HYPERCELL C3271A - L2

Optical Assembly for HUAWEI RRU/BBU

### BENEFITS

- Optical fiber 2×G.657A2.
- Dual LC- Dual LC.
- Diameter 5.0mm.
- Indoor/outdoor jacket.
- Fire resistance compliant with IEC 60332-3C.
- UV resistance.

### APPLICATIONS

- ACOME FTTA cabling solution is designed for wireless distributed base station system.
- The FTTA Jumper cable is designed to connect HUAWEI RRU/BBU with distribution box.

### GENERAL CHARACTERISTICS

- Fiber: Single mode (G.657A2, 9/125μm).
- Tight buffer: White, red 900μm nylon.
- Reinforcement: Aramid yarn.
- Overall Jacket: UV resistance, black LSOH 5.0mm.
- Cable marking: ACOME HYPERCELL OPTICAL FIBER CABLE LSOH SM 2×G.657A2 CABLE No. Lot No. m.

### MECHANICAL & ENVIRONMENTAL

| Item                            | Specification                                                                        |
|---------------------------------|--------------------------------------------------------------------------------------|
| Bending Radius (IEC 60794-1)    | Operating: 20 × D - min<br>Installation: 10 × D - min                                |
| Tensile Strength (IEC 60794-1)  | 300N - Max                                                                           |
| Crush resistance (IEC 60794-1)  | 3000N/100mm - Max                                                                    |
| Temperature Range (IEC 60794-1) | Operating: -40°C ~ + 85°C<br>Installation: -20°C ~ + 60°C<br>Storage: -40°C ~ + 85°C |

## O/F CHARACTERISTICS

| Item        |           | Units | Specification |
|-------------|-----------|-------|---------------|
| Attenuation | at 1310nm | dB/km | ≤ 0.4         |
|             | at 1550nm | dB/km | ≤ 0.3         |

## RANGE

| Product number | Length (m) | Approx. Weight (g) |
|----------------|------------|--------------------|
| C3271A-L1      | 1          | 35                 |
| C3271A-L2      | 2          | 70                 |
| C3271A-L3      | 3          | 100                |
| C3271A-L5      | 5          | 160                |
| C3271A-L10     | 10         | 310                |

\*Length tolerance L<5m: ±50 mm, L=5 - 50m: ±1%mm.

## NORMS AND STANDARDS

### GENERAL

| Item                  | Specification             |
|-----------------------|---------------------------|
| Insertion loss LC/UPC | ≤ 0.50 dB @ 1550nm        |
| Return loss LC/UPC    | ≥ 50dB@1550nm             |
| Test standard         | IEC61300                  |
| Fiber                 | G.657A2, IEC 60793-2-50   |
| LC connector          | Dual LC/UPC, IEC 61754-20 |
| Fan-out               | Steel armor, 3.0 mm       |