

HYPERCELL C3271A - L1

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

1. Fiber: Single mode (G.657A2, 9/125μm).
2. Tight buffer: White, red 900μm nylon.
3. Reinforcement: Aramid yarn.
4. Overall Jacket: UV resistance, black LSOH 5.0mm.
5. 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 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 Installation: -20°C ~ + 60°C 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