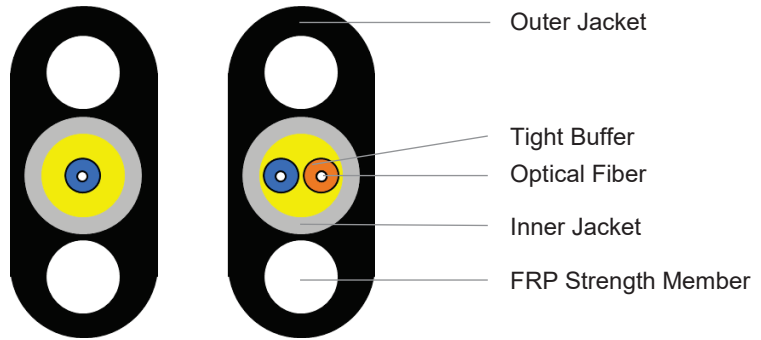


Cable Name

Tight-Buffered Flat Drop Cable
1~2 SMF ITU-T G.657.A1/A2/B3 Fibers

Part Number

LA-FD-21036TB-xx-yy-0M
xx: 01, 02 (fiber count); yy: A1, A2, B3



Standards

IEC 60794, ITU-T G.657.A1, A2, B3, RUS, TIA-598-C

Cable Construction and Features

- ◆ Flat drop cable with 1 or 2 900 micron (tight-buffered) optical fibers
- ◆ Two FRP strength members
- ◆ Aramid yarn(s) strength member inside inner jacket
- ◆ Black colored UV-resistant outer PE jacket
- ◆ 500 N operating tensile strength

Packaging

- ◆ 8,200 FT bulk reel made of plywood or 3,300 FT
- ◆ Dimension: 27.6" x 27.6" x 21.7" Gross Weight: 260 lbs/reel

Optical Fiber and Cable Specification

Optical Fiber	
Type of Fiber	ITU-T G.657.A1/A2/B3
Fiber Count	1~2
MFD @1310nm	G.657.A1: 8.9 ± 0.4 μm G.657.A2: 8.6 ± 0.4 μm G.657.B3: 8.9 ± 0.4 μm
Cladding Diameter	125.0 ± 0.7 μm
Coating Diameter	245 ± 10 μm
Cut-off Wavelength	< 1260 nm
Max. Attenuation	≤ 0.40 dB/km @ 1310 nm ≤ 0.30 dB/km @ 1550 nm

Cable	
Outer Jacket & Outside Diameter (OD)	Black PE (4.5 x 8.2) ± 0.5 mm
Tight Buffer	LSZH, blue/orange, 900 ± 50 μm
Inner Jacket	White LSZH, Aramid yarn(s) 3.0 ± 0.1 mm
Weight	20 lbs/kft (45 kg/km)
FRP Strength Members	1.5 ± 0.1 mm 2 ea
Tensile Strength	500 N (operation) 1,350 N (installation)
Bending Radius	10 x OD (static) 20 x OD (dynamic)
Temperature Range	-40°C ~ +70°C