

Cable Name

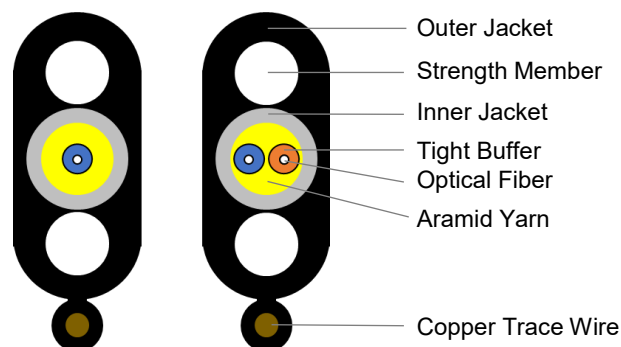
Tight-Buffered Flat Toneable Drop Cable
1~12 SMF ITU-T G.657.A1/A2/B3 Fibers

Part Number

LA-FD-21036TB-xx-yy-TM
(xx: fiber count, yy: G657.A1 or A2 or B3)

Standards

GR-20, 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 (LSZH tight-buffered) optical fibers and 24AWG traceable copper wire
- ◆ Two FRP strength members
- ◆ Aramid yarn(s) strength member inside inner jacket
- ◆ Black colored UV-resistant outer PE jacket
- ◆ 500 N operation tensile strength

Packaging

- ◆ 8,200 FT bulk reel made of plywood
- ◆ Dimension: 27.6" x 27.6" x 21.7" Gross Weight: 236 lbs/reel

Optical Fiber and Cable Specification

Optical Fiber		Cable	
Type of Fiber	ITU-T G.657.A1/A2/B3	Outer Jacket & Outside Diameter (OD)	Black PE (4.5 x 8.2) ± 0.5 mm
Fiber Count	1~2	Tight Buffer	LSZH, blue/orange, 900 ± 50 µm
MFD @1310nm	G.657.A1: 8.9 ± 0.4 µm	Inner Jacket	White LSZH, Aramid yarn(s) 3.0 ± 0.1 mm
	G.657.A2: 8.6 ± 0.4 µm	Trace Wire	24AWV Copper
	G.657.B3: 8.9 ± 0.4 µm	Weight	33 lbs/kft (49 kg/km)
Cladding Diameter	125.0 ± 0.7 µm	FRP Strength Members	2.0 ± 0.1 mm 2 ea
Coating Diameter	245 ± 10 µm	Tensile Strength	500 N (operation) 1,350 N (installation)
Cut-off Wavelength	< 1260 nm	Bending Radius	10 x OD (static) 20 x OD (dynamic)
Max. Attenuation	≤ 0.40 dB/km @ 1310 nm	Temperature Range	-40°C ~ +70°C
	≤ 0.30 dB/km @ 1550 nm		