

Cable Name

Flat Drop Cable, Loose Tube
1~12 SMF ITU-T G.657.A1 Fibers

Part Number

LA-FD-160107A-xxx-A1-0M (xxx: fiber count)

Standards

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

Cable Construction and Features

- ◆ Gel-filled PBT loose buffer tube containing 1~12 fibers
- ◆ Two FRP strength members
- ◆ Black colored UV-resistant outer PE jacket
- ◆ 300 N operation tensile strength

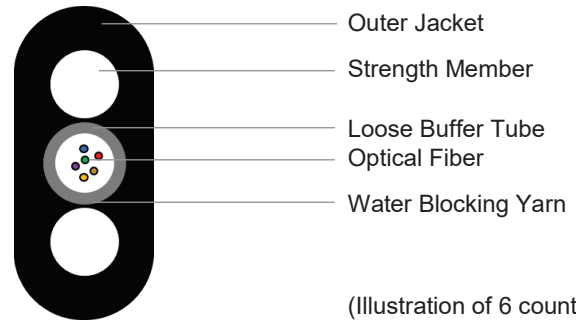
Packaging

- ◆ 8,200 FT bulk reel made of plywood
- ◆ Dimension: 27.6" x 27.6" x 21.7" Gross Weight: 247 lbs/reel

Optical Fiber and Cable Specification

Optical Fiber	
Type of Fiber	ITU-T G.657.A1
Fiber Count	1~12
MFD @1310nm	8.9 ± 0.4 μm
Coated Diameter	250 ± 15 μm
Cut-off Wavelength	< 1260 nm
Max. Attenuation	≤ 0.35 dB/km @ 1310 nm ≤ 0.25 dB/km @ 1550 nm

Cable	
Outside Diameter (OD)	(4.7 x 8.3) ± 0.4 mm
Loose Tube Diameter	2.0 ± 0.1 mm
Weight	22.2 lbs/kft (33 kg/km)
FRP Strength Members	1.6 ± 0.1 mm 2 ea
Tensile Strength	300 N (operation) 1,000 N (installation)
Bending Radius	10 x OD (static) 20 x OD (dynamic)
Temperature Range	-40°C ~ +60°C



(Illustration of 6 count cable)