

Cable Name

Dry Flat Toneable Drop Cable, Loose Tube

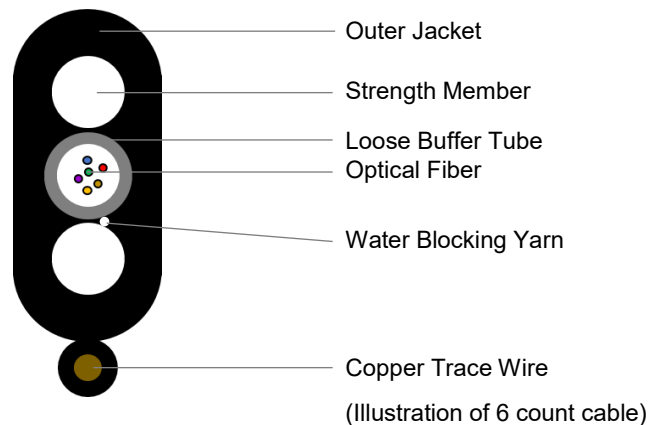
1~12, 24 SMF ITU-T G.657.A1 Fibers

Part Number

LA-FD-160107D-XXX-A1-TM (XXX: fiber count)

Standards

GR-20, IEC 60794, ITU-T G.657.A1, RUS, TIA-598-C



Cable Construction and Features

- ◆ Flat drop cable with 24AWG traceable copper wire
- ◆ Dry PBT loose buffer tubes containing 1~12 and 24 fibers
- ◆ Two FRP strength members
- ◆ Black colored UV-resistant outer MDPE jacket
- ◆ 500 N operation tensile strength

Packaging

- ◆ 10,000 FT bulk reel made of plywood (Dim: 28.7" x 29.5" x 20.5"; Gross Wt: 313 lbs/reel)
- ◆ 1,000 FT plastic reel in a box (Dim: 17.5" x 13.0" x 17.5"; Gross Wt: 33.9 lbs/reel)

Optical Fiber and Cable Specification

Optical Fiber	
Type of Fiber	ITU-T G.657.A1
Fiber Count	1~12, 24
MFD @1310nm	8.9 ± 0.4 μm
Coated Diameter	250 ± 15 μm
Cut-off Wavelength	< 1260 nm
Max. Attenuation	≤ 0.36 dB/km @ 1310 nm ≤ 0.22 dB/km @ 1550 nm

Cable	
Outside Diameter	(4.5 x 10.1) ± 0.3 mm
Loose Tube Diameter	2.9 mm
Weight	24.2 lbs/kft (46 kg/km)
FRP Strength Member	1.6 ± 0.1 mm 2 ea
Trace Wire	24AWG Copper
Tensile Strength	500 N (operation) 1,350 N (installation)
Temperature Range	-40°C ~ +70°C