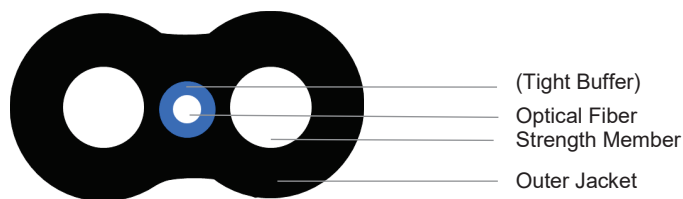


Part Number

LA-FD-21080BF-0-01-D0-EZ
LA-FD-21080TB-0-01-D0-EZ (Tight Buffer)

Standards

IEC 60794, ITU-T G.650, 652, RUS, TIA-598-D,
GR-20 compliant fiber glass



(Illustration of the cable cross section)

Features and Benefits

- Compact design for universal application
- Rated for both aerial and underground installation
- (Optional) LSZH tight-buffered optical fiber
- No special tools
- Easy handling and fast installation
- Durable, UV resistant black PE Jacket

Packaging

- 3,300 ft bulk reel made of plastic
- Box Dimension: 13 in x 14 in x 14.2 in
- Pellet Dimension: 43.3 in x 43.3 in x 61.4 in
(36 Spools per 1 Pallet)

Specifications

Mechanical Characteristics		
Fiber Count		1
Nominal Outer Diameter (D)		5.4 mm x 3.0 mm (0.21 in x 0.12 in)
Cable Weight		19 kg/km (13 lb/1000 ft)
FRP Strength Member		1.5 ± 0.1 mm
Tight Buffer (optional)		0.9 ± 0.05 mm
Max Tensile Strength, Short-Term		1,350 N (300lbf)
Max Tensile Strength, Long-Term		400 N (90lbf)
Minimum Bending Radius		10 x D (static), 20 x D (dynamic)
Temperature Range	Installation:	-30°C to +70°C (-22 °F to 158 °F)
	Operation:	-40°C to +70°C (-40 °F to 158 °F)
	Storage:	-40°C to +70°C (-40 °F to 158 °F)

Fiber Characteristics		
Fiber Name and Category		Single-mode (OS2) ITU-T G.652.D
Mode Field Diameter @1310nm		9.2 ± 0.4 μm
Coating Diameter		245 ± 5 μm
Max. Attenuation (dB/km)		≤ 0.35/0.35/0.25

NESC Loading Condition	1% Installation Sag Max. Span m (ft)	Vertical Sag (%)	3% Installation Sag Max. Span m (ft)	Vertical Sag (%)
Heavy	45.5 (149)	5.1	56.0 (184)	6.0
Medium	77.5 (254)	4.6	97.3 (319)	5.8
Light	100.3 (329)	4.0	132.8 (436)	5.3