

FLB-A-01XNN-2D-P#S DROP (1.8)

Part Number: **F10000056B**

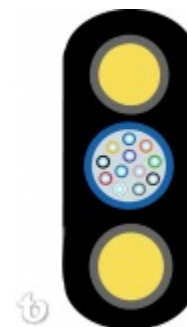
Applications: Aerial Installations, Campus Distribution cabling, Suitable for installation in ducts and trays

General Construction: This drop cable contains a loose tube containing up to 24 Corning SMF 28 ULTRA optical fibers with a 250 µm outer diameter. The loose tube (not colored) is filled with a thixotropic gel. The outer jacket incorporates two dielectric strength elements (in parallel) and an outer jacket.

Fibers color code:
blue orange green brown

Outer Jacket Material: MDPE

Weight: 32.3 kg/km



Design & Materials

Buffer Material:	PBT
Tube Diameter:	3.0 mm nom.
Color Code:	Per TIA/EIA 598-D
Strength Elements:	FRP Rods
Total Number of Elements:	1
Rip-Cord:	Yes
Outer Jacket Dimension - X:	8.1 mm nom.
Outer Jacket Dimension - Y:	4.5 mm nom.
Outer Jacket Color:	Black

Standards

Applicable Standards:	IEC 60794, IEC 60794-1-21/22, EIA/TIA-455, ASTM G154
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Performance

Max. Installation Tensile Load :	1350 N max.
Max. fiber strain at MIT:	0.4 %
Max. Fiber Strain at MRS.:	0.2 %
Impact Resistance:	10 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	300 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	10xD mm
Repeated Bending:	100 cycles
Torsion (L=125 x d):	10 cycles
Drip Test:	80 °C
Max. Operating Temperature:	+70 °C
Min. Operating Temperature:	-40 °C
Max. Installation Temperature:	+45 °C
Min. Installation Temperature:	-30 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-40 °C
UV Resistance:	Yes
Waterblocking:	Yes

Alternatives:

P/n	Description
FA0040142B	FLB-A-01X04-2D-P DROP (1.8) BK
FA0060110B	FLB-A-01X06-2D-P DROP (1.8) BK
FA0080112B	FLB-A-01X08-2D-P DROP (1.8) BK
FA0120171B	FLB-A-01X12-2D-P DROP (1.8) BK

For additional fiber counts, please [contact the Teldor Sales Department](#).

Prepared By	Revised By	Version Num	Modified on
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