

LDB-F-TTXNN-D-JH-D#S TR BK

Part Number: F10000094B

Applications: CATV and DataCom, Direct Burial Campus Backbone, General purpose armored Indoor/Outdoor, Long Distance OSP, Outdoor Plant Duct Installation, Rugged environments

General Construction: The cable contains up to 60 G652D color-coded optical fibers contained in up to 5 color-coded loose tubes. These tubes are filled with a thixotropic gel to prevent the ingress of water and SZ stranded around a dielectric central strength member. Fillers are used as needed to preserve cable geometry. Fiber-glass strength yarns reinforce the cable core and serve as an armoring layer beneath an outer jacket which completes the cable structure. The cables is designed to comply with following standards: EN 50266-2-4; EN 50265-2-1



Outer Jacket Material: UV/Termite & Rodent Resistant FR LSZH
Outer Diameter: 10.6 mm nom.
Weight: 123 kg/km

Design & Materials

Buffer Material:	PBT+FR
Tube Diameter:	2.1 mm nom.
Color Code:	Per TIA/EIA 598-D
Central Strength Member:	FRP
Cabling:	SZ
Strength Elements:	E-Glass Yarns
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Thickness:	1.8 mm nom.
Outer Jacket Color:	Black
Possible Hazard:	DURING HANDLING OF THIS CABLE EITHER WEAR PROTECTIVE GLOVES OR WASH YOUR HANDS THOROUGHLY AFTERWARDS.
Marking:	Per request

Standards

Applicable Standards:	IEC 60794, IEC 60794-1-21/22, ISO/IEC 11801-1, TIA/EIA-568
Flammability Rating:	IEC 60332-1, IEC 60332-3 , IEC 60332-3-24

Performance

Max. Installation Tensile Load :	2700 N max.
Max. fiber strain at MIT:	0.6 %
Max. Fiber Strain at MRS.:	0.2 %
Impact Resistance:	10 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	400 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	10xD mm
Repeated Bending:	25 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:	-20 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-40 °C
UV Resistance:	Yes
Waterblocking:	Yes
Termite Resistant:	Yes
Rodent Resistance:	Yes

Alternatives:

P/n	Product Description
F902402FUB	LDB-9-02X12-D-JH-D#S TR BK
F40240251B	LDB-4-02X12-D-JH-D#S TR BK
F904804JWB	LDB-9-04X12-D-JH-D#S TR BK
F40480454B	LDB-4-04X12-D-JH-D#S TR BK

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

Prepared By	Revised By	Version Num	Modified on
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