

FTX-9-08X12-D-P-D BK

Part Number: F90960860B

Applications: Blown Installation into Microducts, Campus Backbone, Centralized Cabling

General Construction: Optimized for blown installation into micro ducts, the cable contains 96 SM color coded optical fibers, each with a 250um outer diameter. The optical fibers contained in 8 color coded loose tubes, 12 fibers in each tube. The loose tubes are filled with water blocking gel. The loose tubes are SZ stranded around a dielectric central strength member to enable mid-sheath entry. The cable is protected with a outer jacket.

Outer Jacket Material: HDPE

Outer Diameter: 6.8 mm nom.

Weight: 45 kg/km



Design & Materials

Buffer Material:	PBT
Color Code:	Per TIA/EIA 598-C
Central Strength Member:	FRP
Cabling:	SZ
Fiber Containing Tubes:	8
Total Number of Tubes:	8
Number of fibers:	96
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Thickness:	0.5 mm nom.
Outer Jacket Color:	Black
Marking:	Teldor Standard

Standards

Applicable Standards:	IEC 60794, IEC 60794-1-21/22, ISO/IEC 11801-1, TIA/EIA-568
Installation:	Guidelines as per IEC TR 62691

Performance

Tensile Strength - Short Term:	1000 N max.
Tensile Strength - Long Term:	600 N max.
Impact Resistance:	3 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	100 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:	-30 °C
Max. Installation Temperature:	+45 °C
Min. Installation Temperature:	-20 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-40 °C
Waterblocking:	Yes

Prepared By	Revised By	Version Num	Modified on
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