

## FTX-9-06X12-D-P-D BK

**Part Number:** **F90720656B**

- Applications:** Blown Installation into Microducts, Campus Backbone, Centralized Cabling
- General Construction:** Optimized for blown installation into micro ducts, the cable contains 72 SM color coded optical fibers, each with a 250um outer diameter. The optical fibers contained in 6 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:** 5.8 mm nom.
- Weight:** 32 kg/km



### Design & Materials

<b>Buffer Material:</b>	PBT
<b>Tube Diameter:</b>	1.5 mm nom.
<b>Color Code:</b>	Per TIA/EIA 598-C
<b>Central Strength Member:</b>	FRP
<b>Cabling:</b>	SZ
<b>Fiber Containing Tubes:</b>	12
<b>Total Number of Tubes:</b>	6
<b>Number of fibers:</b>	72
<b>Waterblocking:</b>	Dry Waterblocking
<b>Rip-Cord:</b>	Yes
<b>Outer Jacket Thickness:</b>	0.5 mm nom.
<b>Outer Jacket Color:</b>	Black
<b>Marking:</b>	Teldor Standard

### Standards

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

## Performance

<b>Tensile Strength - Short Term:</b>	700 N max.
<b>Tensile Strength - Long Term:</b>	420 N max.
<b>Impact Resistance:</b>	3 N*m
<b>Impact Resistance:</b>	3 cycles
<b>Max. Crush Resistance:</b>	100 N/cm
<b>Min. Bend Radius for Installation:</b>	20xD mm
<b>Min. Bend Radius for Operation:</b>	10xD mm
<b>Repeated Bending:</b>	100 cycles
<b>Torsion (L=125 x d):</b>	10 cycles
<b>Drip Test:</b>	80 °C
<b>Max. Operating Temperature:</b>	+70 °C
<b>Min. Operating Temperature:</b>	-30 °C
<b>Max. Installation Temperature:</b>	+45 °C
<b>Min. Installation Temperature:</b>	-20 °C
<b>Max. Storage Temperature:</b>	+70 °C
<b>Min. Storage Temperature:</b>	-40 °C
<b>UV Resistance:</b>	Yes
<b>Waterblocking:</b>	Yes

<b>Prepared By</b>	<b>Revised By</b>	<b>Version Num</b>	<b>Modified on</b>
Olga Kirshner	David Miller	1.8	16-12-2015

Teldor Cables & Systems Ltd. ("Teldor") reserves the right to make changes to the products described in this catalog without prior notice. Teldor does not assume any liability which may occur due to the use of the products described herein. Drawings may not be to scale and are provided for general and informational purposes only. The information contained in this catalog is the proprietary property of Teldor, and may not be used, reproduced or disclosed to others, in whole or in part, without the written authorization of Teldor.

Teldor Cables & Systems Ltd. - Ein-Dor, 1933500

ISRAEL

Tel: +972 4 6770555

Fax: +972 4 6770650