

## TAC-A-7-04YT-E-KU-D BK

**Part Number:** **F70040408B**

**Applications:**

Direct termination, Military/Tactical, Rugged environments

**General Construction:**

The cable contains 4 color coded Bend Insensitive Singlemode optical fibers (ITU-T G.657 A2), each with a 0.9 mm Halogen Free buffer. The cable is reinforced and protected by waterblocking aramid strength yarns and jacketed with a ruggedized black UV-resistant Polyurethane compound. For use in Military, OIL & GAS and industrial applications.

Optical fiber specifications are indicated in SM Optical Fiber Specifications brochure.

**Outer Jacket Material:**

PU

**Outer Diameter:**

6.1 mm nom.

**Weight:**

30 kg/km



### Design & Materials

<b>Buffer Material:</b>	Polyester Elastomer
<b>Buffer Diameter:</b>	900 µm
<b>Color Code:</b>	Per TIA/EIA 598-C
<b>Strength Elements:</b>	Aramid Yarns
<b>Number of fibers:</b>	4
<b>Waterblocking:</b>	Dry Waterblocking
<b>Marking:</b>	Per request

### Standards

<b>Applicable Standards:</b>	IEC 60794
<b>Installation:</b>	Guidelines as per IEC TR 62691

## Performance

<b>Max. Installation Tensile Load :</b>	2500 N max.
<b>Max. Residual Tension (MRS) :</b>	1500 N max.
<b>Impact Resistance:</b>	2.2 N*m
<b>Max. Crush Resistance:</b>	800 N/cm
<b>Min. Bend Radius for Installation:</b>	60 mm
<b>Min. Bend Radius for Operation:</b>	30 mm
<b>Repeated Bending:</b>	10,000 cycles
<b>Max. Operating Temperature:</b>	+85 °C
<b>Min. Operating Temperature:</b>	-55 °C
<b>Max. Storage Temperature:</b>	+85 °C
<b>Min. Storage Temperature:</b>	-60 °C
<b>UV Resistance:</b>	Yes
<b>Waterblocking:</b>	Yes

Prepared By	Revised By	Version Num	Modified on
Olga Kirshner	Zeev Mazal	2.4	12-12-2019

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  
6770650

ISRAEL

Tel: +972 4 6770555

Fax: +972 4