

TAC-A-7-02YT-E-KU-X BK

Part Number: **F70020253B**

Applications: Direct termination, General purpose indoor/outdoor LAN, Military/Tactical

General Construction: The cable contains 2 color coded bend-insensitive single-mode optical fibers (G.657.A2) each with a 0.9 mm color coded hard elastomeric tight buffer. These 2 buffers are reinforced and protected by waterblocking aramid yarns and jacketed with a ruggedized UV-resistant Polyurethane.

Outer Jacket Material: PU

Outer Diameter: 4.0 mm nom.

Weight: 15 kg/km



Design & Materials

Buffer Material:	Polyester Elastomer
Buffer Diameter:	900 µm
Color Code:	Per TIA/EIA 598-D
Strength Elements:	Aramid Yarns
Number of fibers:	2
Rip-Cord:	Yes
Outer Jacket Color:	Black
Marking:	Per request

Standards

Applicable Standards:	IEC 60794-1-21/22, IEC 60794
------------------------------	------------------------------

Performance

Max. Installation Tensile Load :	910 N max.
Max. fiber strain at MIT:	0.6 %
Max. Residual Tension (MRS) :	270 N max.
Max. Fiber Strain at MRS.:	0.2 %
Impact Resistance:	4 N*m
Impact Resistance:	200 cycles
Max. Crush Resistance:	400 N/cm
Min. Bend Radius for Installation:	10xD mm
Min. Bend Radius for Operation:	5xD mm
Repeated Bending:	2000 cycles
Torsion (L=125 x d):	10 cycles
Drip Test:	85 °C
Max. Operating Temperature:	+85 °C
Min. Operating Temperature:	-55 °C
Max. Installation Temperature:	+45 °C
Min. Installation Temperature:	-40 °C
Max. Storage Temperature:	+85 °C
Min. Storage Temperature:	-55 °C
UV Resistance:	Yes

Prepared By	Revised By	Version Num	Modified on
Zuri Balal	Yigal Piness	1.5	03-12-2023

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