

TAC-A-7-12YT-E-KU-D BK

Part Number: **F70121213B**

Applications: Direct termination, Military/Tactical, Rugged environments

General Construction: 12 SM G657.A2 optical fibers each with a 0.9 mm color coded tight buffer are stranded together. The cable is reinforced and protected by waterblocking aramid strength yarns and jacketed with a ruggedized black UV-resistant Polyurethane compound.

Outer Jacket Material: PU

Outer Diameter: 7 mm nom.

Weight: 45 kg/km



Design & Materials

Buffer Material:	Polyester Elastomer
Buffer Diameter:	900 µm
Strength Elements:	Aramid Yarns
Outer Jacket Color:	Black
Marking:	Per request

Standards

Applicable Standards:	IEC 60794
Installation:	Guidelines as per IEC 60794-1-1 Annex A

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Performance

Tensile Strength - Short Term:	2500 N max.
Tensile Strength - Long Term:	1500 N max.
Impact Resistance:	2.2 N*m
Max. Crush Resistance:	800 N/cm
Min. Bend Radius for Installation:	60 mm
Min. Bend Radius for Operation:	40 mm
Repeated Bending:	10,000 cycles
Max. Operating Temperature:	+80 °C
Min. Operating Temperature:	-55 °C
Max. Storage Temperature:	+80 °C
Min. Storage Temperature:	-55 °C
Waterblocking:	Yes

Prepared By	Revised By	Version Num	Modified on
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