

TAC-A-A-12YT-E-KU-D#4 BK

Part Number: FA0121209B

Applications: Direct termination, Military/Tactical, Rugged environments
General Construction: The cable contains 12 SM G657A1 optical fibers each with a 0.9 mm color coded Halogen Free buffer stranded together. The cable is reinforced and protected by aramid strength yarns and jacketed with black UV-resistant Polyurethane.
Outer Jacket Material: PU
Outer Diameter: 7.6 mm nom.
Weight: 45 kg/km



Design & Materials

Buffer Material:	Polyester Elastomer
Buffer Diameter:	900 µm
Strength Elements:	Aramid Yarns
Number of fibers:	12
Outer Jacket Color:	Black
Marking:	Per request

Standards

Applicable Standards:	IEC 60794-1-21/22
Installation:	Guidelines as per IEC TR 62691

Performance

Tensile Strength - Short Term:	2500 N max.
Tensile Strength - Long Term:	1500 N max.
Impact Resistance:	10 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	800 N/cm
Min. Bend Radius for Installation:	30 mm
Min. Bend Radius for Operation:	30 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
UV resistance:	Yes
Waterblocking:	Yes

Prepared By	Revised By	Version Num	Modified on
Yigal Piness	Yigal Piness	1.1	21-06-2018

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