

TAC-A-A-24YT-F-KU-D BK

Part Number: FA0242420B

Applications: Direct termination, Military/Tactical, Rugged environments
General Construction: The cable contains 24 color coded SM Ultra (G652D & G657-A1) optical fibers, each with a 0.9 mm Polyester Elastomer buffer. These elements are stranded in two layers around a flexible central strength member. The cable core reinforced and protected by aramid strength yarns and jacketed with a ruggedized, black UV-resistant, Polyurethane compound.

Outer Jacket Material: PU
Outer Diameter: 9.0 mm nom.
Weight: 72 kg/km



Design & Materials

Buffer Material:	Polyester Elastomer
Buffer Diameter:	900 µm
Central Strength Member:	Aramid Yarns
Strength Elements:	Aramid Yarns
Number of fibers:	24
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Black
Marking:	Per request

Standards

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

Performance

Max. Installation Tensile Load :	2500 N max.
Max. Residual Tension (MRS) :	1500 N max.
Impact Resistance:	10 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	800 N/cm
Min. Bend Radius for Installation:	90 mm
Min. Bend Radius for Operation:	45 mm
Repeated Bending:	10,000 cycles
Max. Operating Temperature:	+85 °C
Min. Operating Temperature:	-55 °C
Max. Installation Temperature:	+55 °C
Min. Installation Temperature:	-25 °C
Max. Storage Temperature:	+85 °C
Min. Storage Temperature:	-55 °C
UV Resistance:	Yes
Waterblocking:	Yes