

MTA-4-02HT-E-KHRH-DD BK

Part Number: **F40020243B**

- Applications:** Direct Burial Campus Backbone, General purpose armored Indoor/Outdoor, General purpose indoor/outdoor LAN, Rugged environments
- General Construction:** The cable consists of 2 color coded MM OM3 optical fibers each with a 0.9 mm tight buffer . These buffers are reinforced by aramid strength yarns and encased within an inner jacket. Water blocking materials are applied inside. The inner cable is wrapped with a waterblocking tape, armored and outer jacketed.
- Outer Jacket Material:** FR-LSZH
- Outer Diameter:** 9.5 mm nom.
- Weight:** 136 kg/km



Design & Materials

Buffer Material:	FR-LSZH
Buffer Diameter:	900 µm
Strength Elements:	Aramid Yarns
Inner Jacket Material:	HFFR
Armor:	Yes
Armoring:	Corrugated Steel - ECCS
Number of fibers:	2
Rip-Cord:	Yes
Outer Jacket Color:	Black
Marking:	Per request

Standards

Applicable Standards:	IEC 60794
Flammability Rating:	IEC 60332-1
Installation:	Guidelines as per IEC TR 62691

Performance

Max. Installation Tensile Load :	1500 N max.
Max. Residual Tension (MRS) :	900 N max.
Impact Resistance:	10 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	440 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	20xD mm
Max. Operating Temperature:	+75 °C
Min. Operating Temperature:	-40 °C
Max. Storage Temperature:	+75 °C
Min. Storage Temperature:	-40 °C
UV Resistance:	Yes
Waterblocking:	Yes

Prepared By	Revised By	Version Num	Modified on
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