

MTA-4-02HT-E-KV-D OFNR BK

Part Number: **F40020233B**

Applications: Backbone and Riser cabling, Centralized Cabling, General purpose armored Indoor/Outdoor, General purpose indoor LAN, Suitable for installation in ducts and trays, Short and Medium distance distribution and trunking

General Construction: The cable consists of 2 multi-mode 50/125 OM3 optical fibers each with a 0.9 mm tight buffer. The color coded buffers are stranded together to form the cable core. The cable is reinforced by a dielectric strength yarns and protected with a jacket. The cable is designed to comply with UL OFNR.



Outer Jacket Material: FR-PVC
Outer Diameter: 4.8 mm nom.
Weight: 26 kg/km

Design & Materials

Buffer Material:	FR-LSZH
Buffer Diameter:	900 µm
Strength Elements:	Aramid Yarns
Number of fibers:	2
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Black
Marking:	Per request

Standards

Applicable Standards:	IEC 60794
Installation:	Guidelines as per IEC TR 62691

Performance

Max. Installation Tensile Load :	660 N max.
Max. Residual Tension (MRS) :	350 N max.
Impact Resistance:	1.5 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	180 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	10xD mm
Repeated Bending:	300 cycles
Max. Operating Temperature:	+85 °C
Min. Operating Temperature:	-40 °C
Max. Installation Temperature:	+60 °C
Min. Installation Temperature:	-10 °C
Max. Storage Temperature:	+85 °C
Min. Storage Temperature:	-55 °C
UV Resistance:	Yes
Waterblocking:	Yes

Prepared By	Revised By	Version Num	Modified on
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