

MTA-3-06HT-E-KVRH-DD#S BK

Part Number: **F30060609B**

Applications: General purpose armored Indoor/Outdoor, Outdoor Plant Duct Installation

General Construction: The cable contains 6 MM OM4 50/125/250 μ m color coded optical fibers each with a 0.9 mm tight buffer. The cable is reinforced by aramid strength yarns and protected with an inner jacket. The cable core is covered with a waterblocking tape, armored and an outer jacket completes the cable design.
The cable is designed to comply with UL1666

Outer Jacket Material: FR-LSZH

Outer Diameter: 10.6 mm nom.

Weight: 160 kg/km



Design & Materials

Buffer Material:	FR-LSZH
Buffer Diameter:	900 μ m
Strength Elements:	Aramid Yarns
Inner Jacket Material:	FR-PVC
Armor:	Yes
Armoring:	Corrugated Steel - ECCS
Armor Thickness (um):	150 μ m
Number of fibers:	6
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Black
Marking:	Per request

Standards

Applicable Standards:	IEC 60794
Flammability Rating:	UL 1666
Installation:	Guidelines as per IEC TR 62691

Performance

Max. Installation Tensile Load :	1400 N max.
Max. Residual Tension (MRS) :	800 N max.
Impact Resistance:	1.6 N*m
Impact Resistance:	2000 cycles
Max. Crush Resistance:	2000 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	20xD mm
Max. Operating Temperature:	+75 °C
Min. Operating Temperature:	-25 °C
Max. Storage Temperature:	+75 °C
Min. Storage Temperature:	-25 °C
UV Resistance:	Yes
Waterblocking:	Yes

Prepared By	Revised By	Version Num	Modified on
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