

MTA-3-24HT-D-KHRH-DD BK

Part Number: **F30242410B**

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

General Construction: 24 color coded optical fibers MM OM-3 each with a 0.9 mm buffer stranded in two layers around a dielectric central strength member. The cable is aramid yarn reinforced and protected with an inner jacket. The cable core is covered with a waterblocking tape, armored and outer jacketed.

Outer Jacket Material: FR-LSZH

Outer Diameter: 13 mm nom.

Weight: 215 kg/km



Design & Materials

Buffer Material:	FR-LSZH
Buffer Diameter:	900 µm
Central Strength Member:	FRP
Strength Elements:	Aramid Yarns
Inner Jacket Material:	FR-LSZH
Aramid:	Yes
Armoring:	Corrugated Steel - ECCS
Armor Thickness (um):	150 µm
Number of fibers:	24
Waterblocking:	Dry Waterblocking
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 :	2700 N max.
Max. Residual Tension (MRS) :	1600 N max.
Max. Crush Resistance:	500 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
Rodent Resistance:	Yes

Prepared By	Revised By	Version Num	Modified on
Zuri Balal	Zuri Balal	1.6	15-12-2019

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