

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

Part Number: **F30242415B**

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

General Construction: 24 MM OM-4 optical fibers each with a 0.9 mm color coded tight buffer are stranded around a dielectric central strength member. 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 outer jacketed.

Outer Jacket Material: XL-HFFR

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
Armor:	Yes
Armoring:	Corrugated Steel - ECCS
Armor Thickness (um):	150 µm
Number of fibers:	24
Waterblocking:	Dry Waterblocking, Waterblocking Tape
Rip-Cord:	Yes
Outer Jacket Color:	Black
Marking:	Per request

Standards

Applicable Standards:	IEC 60794-1-21/22, 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.
Impact Resistance:	10 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	400 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	20xD mm
Repeated Bending:	25 cycles
Torsion (L=125 x d):	10 cycles
Drip Test:	80 °C
Max. Operating Temperature:	+75 °C
Min. Operating Temperature:	-25 °C
Max. Installation Temperature:	+45 °C
Min. Installation Temperature:	-10 °C
Max. Storage Temperature:	+75 °C
Min. Storage Temperature:	-25 °C
UV Resistance:	Yes
Waterblocking:	Yes
Acid, Salt, Grease, Oil, Minerals Protection:	Yes

Prepared By	Revised By	Version Num	Modified on
Zuri Balal	David Miller	1.2	16-12-2018

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