

## MTA-3-04HT-E-KHWH-DD BK

**Part Number:** **F30040408B**

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

**General Construction:** The cable consists of 4 MM OM4 color coded optical fibers each with a 0.9 mm buffer. The cable core is reinforced by aramid strength yarns and protected with an inner jacket. A layer of helically stranded 0.3mm stainless steel wires provides rodent protection, as well as increased impact resistance. An outer jacket is extruded over the steel wires.

**Outer Jacket Material:** FR-LSZH

**Outer Diameter:** 8.3 mm nom.

**Weight:** 115 kg/km



## Design & Materials

<b>Buffer Material:</b>	FR-LSZH
<b>Buffer Diameter:</b>	900 µm
<b>Strength Elements:</b>	Aramid Yarns
<b>Inner Jacket Material:</b>	LSZH
<b>Armoring:</b>	Served Stainless Steel Wire
<b>Armoring Wire Diameter:</b>	0.3 mm
<b>Number of fibers:</b>	4
<b>Waterblocking:</b>	Dry Waterblocking
<b>Rip-Cord:</b>	Yes
<b>Outer Jacket Color:</b>	Black
<b>Marking:</b>	Per request

## Standards

<b>Applicable Standards:</b>	IEC 60794-1-21/22, IEC 60794
<b>Flammability Rating:</b>	IEC 60332-1
<b>Installation:</b>	Guidelines as per IEC TR 62691

## Performance

<b>Max. Installation Tensile Load :</b>	1800 N max.
<b>Max. Residual Tension (MRS) :</b>	1080 N max.
<b>Impact Resistance:</b>	10 N*m
<b>Impact Resistance:</b>	3 cycles
<b>Max. Crush Resistance:</b>	500 N/cm
<b>Min. Bend Radius for Installation:</b>	20xD mm
<b>Min. Bend Radius for Operation:</b>	20xD mm
<b>Repeated Bending:</b>	25 cycles
<b>Torsion (L=125 x d):</b>	10 cycles
<b>Max. Operating Temperature:</b>	+75 °C
<b>Min. Operating Temperature:</b>	-25 °C
<b>Max. Installation Temperature:</b>	+45 °C
<b>Min. Installation Temperature:</b>	-20 °C
<b>Max. Storage Temperature:</b>	+75 °C
<b>Min. Storage Temperature:</b>	-25 °C
<b>UV Resistance:</b>	Yes

Prepared By	Revised By	Version Num	Modified on
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