

## SDA-3-02HT/H-D-KHRH-DD BK

**Part Number:** **F30020209B**

**Applications:** Campus Backbone, Direct Burial Campus Backbone, General purpose armored Indoor/Outdoor, Outdoor Plant Duct Installation

**General Construction:** The cable consists of 2 MM OM4 50/125µm optical fibers each with a 0.9 mm buffer, reinforced and protected by jacketed. These color-coded 2.0 mm mini cables and 2 fillers are stranded together around a dielectric central strength member. The cable is reinforced by waterblocking aramid strength yarns and protected with a inner jacket. The cable core is covered with a waterblocking tape, armored and outer jacketed.

**Outer Jacket Material:** FR-LSZH

**Outer Diameter:** 11.5 mm nom.

**Weight:** 180 kg/km



## Design & Materials

<b>Buffer Material:</b>	FR-LSZH
<b>Buffer Diameter:</b>	900 µm
<b>Sub-unit/Mini cable Diameter:</b>	2 mm. nom.
<b>Central Strength Member:</b>	FRP
<b>Strength Elements:</b>	Aramid Yarns
<b>Inner Jacket Material:</b>	FR-LSZH
<b>Armoring:</b>	Corrugated Steel - ECCS
<b>Number of fibers:</b>	2
<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
<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>	1000 N max.
<b>Max. Crush Resistance:</b>	800 N/cm
<b>Min. Bend Radius for Installation:</b>	20xD mm
<b>Min. Bend Radius for Operation:</b>	20xD mm
<b>Max. Operating Temperature:</b>	+75 °C
<b>Min. Operating Temperature:</b>	-40 °C
<b>Max. Storage Temperature:</b>	+75 °C
<b>Min. Storage Temperature:</b>	-40 °C
<b>UV Resistance:</b>	Yes
<b>Waterblocking:</b>	Yes

Prepared By	Revised By	Version Num	Modified on
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