

## SDA-4-02HT\H-E-ZRH-D#S BK

**Part Number:** **F40020258B**

**Applications:**

General purpose armored Indoor/Outdoor

**General Construction:**

2 multi-mode OM-3 optical fibers each with a 0.9 mm tight buffer are protected by dielectric strength yarns and jacketed. These color coded 2.0 mm mini cables and 2 fillers are stranded together. Corrugated steel armor is longitudinally applied over the fiber-glass strength yarns which reinforce the cable core. An outer jacket is extruded over the armoring. Two ripcords are added underneath the jacket to facilitate removal.

minicables Colors:  
1.Yellow 2.Orange

**Outer Jacket Material:**

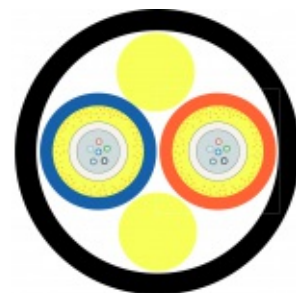
HFFR

**Outer Diameter:**

9.0 mm nom.

**Weight:**

123 kg/km



## Design & Materials

<b>Buffer Material:</b>	FR-LSZH
<b>Buffer Diameter:</b>	900 µm
<b>Sub-unit/Mini cable Diameter:</b>	2.0 mm. nom.
<b>Strength Elements:</b>	E-Glass Yarns
<b>Aarmor:</b>	Yes
<b>Armoring:</b>	Corrugated Steel - ECCS
<b>Armor Thickness (um):</b>	150 µm
<b>Number of fibers:</b>	2
<b>Waterblocking:</b>	Dry Waterblocking
<b>Rip-Cord:</b>	Yes
<b>Outer Diameter:</b>	8.5 mm min.
<b>Outer Diameter:</b>	9.5 mm max.
<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>	2000 N max.
<b>Max. Residual Tension (MRS) :</b>	1200 N max.
<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>Max. Operating Temperature:</b>	+70 °C
<b>Min. Operating Temperature:</b>	-40 °C
<b>Max. Installation Temperature:</b>	+40 °C
<b>Min. Installation Temperature:</b>	-20 °C
<b>Max. Storage Temperature:</b>	+70 °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
Zuri Balal	David Miller	1.6	18-12-2018

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**Teldor Cables & Systems Ltd.** - Ein-Dor, 1933500

ISRAEL

Tel: +972 4 6770555

Fax: +972 4 6770650