

SLA-3-01X06-ZAV-D BK

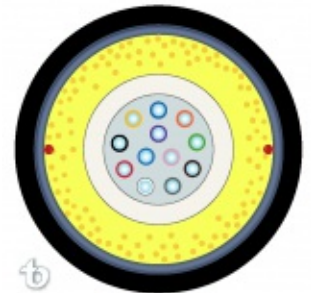
Part Number: **F30060139B**

Applications:

General purpose armored Indoor/Outdoor, Rugged environments

General Construction:

The cable contains 6 MM OM-4 color coded optical fibers, each with a 250um outer diameter. The optical fibers are contained in a loose tube filled with thixotropic gel. An aluminum tape is longitudinally laid over the fiber-glass strength yarns which reinforce the cable core. An outer jacket completes the cable structure.



Outer Jacket Material:

PVC

Outer Diameter:

8.0 mm nom.

Weight:

67 kg/km

Design & Materials

Buffer Material:	PBT
Tube Diameter:	3.1 mm nom.
Strength Elements:	E-Glass Yarns
Aluminum Moisture Barrier:	Yes
Foil Thickness:	80 µm
Number of fibers:	6
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Black

Standards

Applicable Standards:	IEC 60794-1-21/22, IEC 60794
Installation:	Guidelines as per IEC TR 62691

Performance

Max. Installation Tensile Load :	1500 N max.
Max. Residual Tension (MRS) :	900 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:	10xD mm
Repeated Bending:	25 cycles
Torsion (L=125 x d):	10 cycles
Drip Test:	80 °C
Max. Operating Temperature:	+70 °C
Min. Operating Temperature:	-40 °C
Max. Installation Temperature:	+45 °C
Min. Installation Temperature:	-20 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-40 °C
UV Resistance:	Yes
Waterblocking:	Yes

Prepared By	Revised By	Version Num	Modified on
Zuri Balal	David Miller	1.6	21-08-2019

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