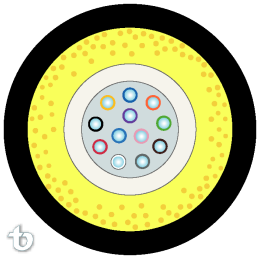
SLA-4-01X12-JP-D BK TR
FIBEROPTICS
P/N F40120187B

TELECOM

Applications

Campus Backbone, Campus Distribution cabling, General purpose all-dielectric outdoor LAN, General purpose armored Outdoor, Outdoor Plant Duct Installation



Outer Jacket Material	Outer diameter	Weight
UV/Termite & Rodent Resistant HDPE	7 mm nom.	45 kg/km

General Construction

The cable contains 12 MM OM-3 color coded optical fibers, with a 250Âµm outer diameter. The optical fibers are contained in a loose tube filled with thixotropic gel, that is reinforced and protected by a thick layer of waterblocking strength glass yarns which also serves as a dielectric armor. A PE outer jacket compound completes the cable design.

Design & Materials

Buffer Material	PBT
Tube Diameter (mm nom)	3.1
Color Code	Per TIA/EIA 598-D
Strength Elements	E-Glass Yarns
Armor	Yes
Armoring	Glass Yarns
Total Number Of Elements	1
Number Of Fibers	12
Waterblocking	Dry Waterblocking
Rip-Cord	Yes
Outer Jacket Color	Black
Possible Hazard	**DURING HANDLING OF THIS CABLE EITHER WEAR PROTECTIVE GLOVES OR WASH YOUR HANDS THOROUGHLY AFTERWARDS.**
Marking	Per request

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Performance

Max. Installation Tensile Load (N max.)	1800
Max. fiber strain at MIT (%)	0.6
Max. Residual Tension (MRS) (N max)	1000
Impact Resistance (N*m)	10
Impact Resistance (cycles)	3
Max. Crush Resistance (N/cm)	400
Min. Bend Radius for Installation (mm)	20xD
Min. Bend Radius for Operation (mm)	10xD
Repeated Bending (cycles)	25
Torsion (L=125 x d) (cycles)	10
Min. Installation Temperature (°C)	-20
Max. Installation Temperature (°C)	+45
Min. Operating Temperature (°C)	-40
Max. Operating Temperature (°C)	+70
Min. Storage Temperature (°C)	-40
Max. Storage Temperature (°C)	+70
Drip Test (°C)	80
UV Resistance	Yes
Waterblocking	Yes
Termite Resistant	Yes
Rodent Resistance	Yes

Standards

Applicable Standards
IEC 60794
IEC 60794-1-21/22

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