

SLA-6-01X12-ZRP-D BK FIBEROPTICS P/N F60120117B

TELECOM

Applications

Campus Distribution cabling, Direct Burial Campus Backbone, General purpose armored Outdoor, Rugged environments



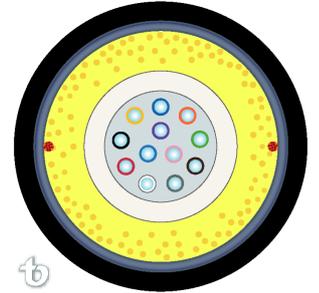
Outer Jacket Material
PE



Outer diameter
9.6 mm nom.



Weight
100 kg/km



General Construction

The cable contains 12 MM 62.5/125 micron color coded optical fibers, each with a 250um outer diameter. The optical fibers are contained in a loose tube filled with thixotropic gel. The tube is reinforced and protected by fiber-glass strength yarns, armored and jacketed. Rip cords are added under the armor to facilitate removal.

Design & Materials

Buffer Material	PBT
Tube Diameter (mm nom)	3.1
Strength Elements	E-Glass Yarns
Armor	Yes
Armoring	Corrugated Steel - ECCS
Armor Thickness (µm)	150
Total Number Of Elements	1
Number Of Fibers	12
Rip-Cord	Yes
Outer Jacket Color	Black

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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)	20xD
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

Standards

Applicable Standards
IEC 60794
IEC 60794-1-21/22
ISO/IEC 11801-1
TIA/EIA-568
ASTM G154
RoHS 3 2015/863/EU



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