

SLA-4-01X12-ZRP-D(OM3) BK *00

Part Number: **F40120104B**

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

General Construction: The cable contains 12 50/125(OM-3) color coded optical fibers, each with a 250µm 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.

Outer Jacket Material: PE
Outer Diameter: 9.6 mm nom.
Weight: 105 kg/km



Design & Materials

Buffer Material:	PBT
Tube Diameter:	3.1 mm nom.
Strength Elements:	E-Glass Yarns
Armor:	Yes
Armoring:	Corrugated Steel - ECCS
Number of fibers:	12
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Black

Standards

Applicable Standards:	IEC 60794, ISO/IEC 11801-1, TIA/EIA-568, EIA/TIA-455, ASTM G154, RoHS 3 2015/863/EU
Installation:	Guidelines as per IEC TR 62691

Performance

Max. Installation Tensile Load :	2700 N max.
Max. Residual Tension (MRS) :	1600 N max.
Max. Crush Resistance:	400 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	20xD mm
Max. Operating Temperature:	+70 °C
Min. Operating Temperature:	-40 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-40 °C
UV Resistance:	Yes
Waterblocking:	Yes

Alternatives:

Prepared By	Revised By	Version Num	Modified on
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