

SLD-9-01x12-ZRP-D#S BK 2700N

Part Number: **F901201K1B**

Applications:

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

General Construction:

This gel free cable contains 12 SM G652D color- coded optical fibers, each with a 250um outer diameter. The optical fibers are contained in a loose tube that includes swellable yarn to prevent the ingress of water. Fiber-glass strength yarns reinforce the tube and serve as an armoring layer. Corrugated steel armor is longitudinally applied over the fiber-glass strength yarns. An outer Jacket is extruded over the armoring.



Outer Jacket Material:

PE

Outer Diameter:

9.6 mm nom.

Weight:

99 kg/km

Design & Materials

Buffer Material:	Polypropylene
Tube Diameter:	3.1 mm nom.
Color Code:	Per TIA/EIA 598-C
Strength Elements:	E-Glass Yarns
Armoring:	Corrugated Steel
Number of fibers:	12
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Black

Standards

Applicable Standards:	IEC 60794, IEC 60794-1-21/22, 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. fiber strain at MIT:	0.6 %
Max. Residual Tension (MRS) :	810 N max.
Max. Fiber Strain at MRS.:	0.2 %
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:

For additional fiber counts, please [contact the Teldor Sales Department.](#)

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