

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

**Part Number:** **F901201K5B**

**Applications:**

Campus Distribution cabling

**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. The tube is armored and reinforced by fiber-glass strength yarns. An outer PE jacket is extruded over the yarns.

**Outer Jacket Material:**

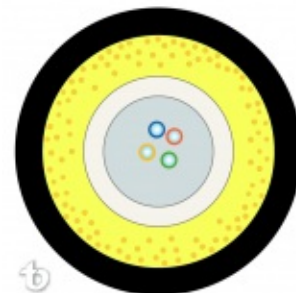
PE

**Outer Diameter:**

7.6 mm nom.

**Weight:**

44 kg/km



## Design & Materials

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

## Standards

<b>Applicable Standards:</b>	IEC 60794, IEC 60794-1-21/22, ISO/IEC 11801-1, TIA/EIA-568, EIA/TIA-455, ASTM G154, RoHS 3 2015/863/EU
<b>Installation:</b>	Guidelines as per IEC TR 62691

## Performance

<b>Max. Installation Tensile Load :</b>	2700 N max.
<b>Max. fiber strain at MIT:</b>	0.6 %
<b>Max. Residual Tension (MRS) :</b>	840 N max.
<b>Max. Fiber Strain at MRS.:</b>	0.2 %
<b>Max. Crush Resistance:</b>	400 N/cm
<b>Min. Bend Radius for Installation:</b>	20xD mm
<b>Min. Bend Radius for Operation:</b>	10xD mm
<b>Max. Operating Temperature:</b>	+70 °C
<b>Min. Operating Temperature:</b>	-20 °C
<b>Max. Storage Temperature:</b>	+70 °C
<b>Min. Storage Temperature:</b>	-40 °C
<b>UV Resistance:</b>	Yes
<b>Waterblocking:</b>	Yes

### Alternatives:

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

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Prepared By	Revised By	Version Num	Modified on
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**Teldor Cables & Systems Ltd.** - Ein-Dor, 1933500

ISRAEL

Tel: +972 4 6770555

Fax: +972 4 6770650