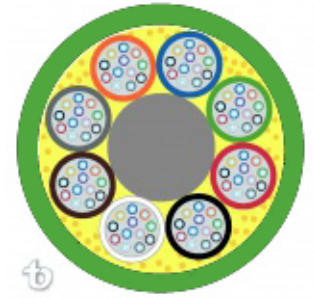


**Part Number:** **F909608BJE**

- Applications:** CATV and DataCom, Direct burial, General purpose indoor/outdoor LAN, Long Distance OSP
- General Construction:** This gel free cable contains 96 SM G652D color-coded optical fibers in 8 color-coded polypropylene FR loose tubes. These tubes include a swellable yarn to prevent the ingress of water and are SZ stranded around a dielectric central strength member. Waterblocking fiber-glass strength yarns reinforce the cable core and an outer jacket completes the cable design.
- Outer Jacket Material:** FR-LSZH
- Outer Diameter:** 12.5 mm nom.
- Weight:** 147 kg/km



### Design & Materials

<b>Tube Diameter:</b>	2.5 mm nom.
<b>Color Code:</b>	Per TIA/EIA 598-C
<b>Central Strength Member:</b>	FRP
<b>Cabling:</b>	SZ
<b>Strength Elements:</b>	E-Glass Yarns
<b>Total Number of Tubes:</b>	8
<b>Number of fibers:</b>	96
<b>Waterblocking:</b>	Dry Waterblocking
<b>Rip-Cord:</b>	Yes
<b>Outer Jacket Color:</b>	Green
<b>Marking:</b>	Teldor Standard

### Standards

<b>Applicable Standards:</b>	IEC 60794-1-21/22, IEC 60794, ISO/IEC 11801-1, TIA/EIA-568, RoHS 3 2015/863/EU
<b>Flammability Rating:</b>	IEC 60332-1, IEC 60332-3, IEC 60754-2, IEC 61034, EN 50575:2014 Dcas1d1a1 (CPR)
<b>Installation:</b>	Guidelines as per IEC TR 62691

### Performance

<b>Max. Installation Tensile Load :</b>	2700 N max.
<b>Max. Residual Tension (MRS) :</b>	1600 N max.
<b>Impact Resistance:</b>	10 N*m
<b>Impact Resistance:</b>	3 cycles
<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>Repeated Bending:</b>	25 cycles
<b>Torsion (L=125 x d):</b>	10 cycles
<b>Max. Operating Temperature:</b>	+75 °C
<b>Min. Operating Temperature:</b>	-40 °C
<b>Max. Installation Temperature:</b>	+45 °C
<b>Min. Installation Temperature:</b>	-20 °C
<b>Max. Storage Temperature:</b>	+75 °C
<b>Min. Storage Temperature:</b>	-40 °C
<b>UV Resistance:</b>	Yes
<b>Waterblocking:</b>	Yes