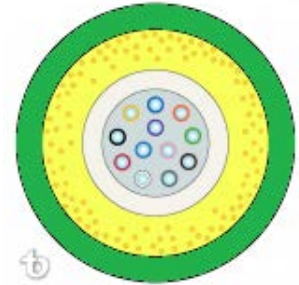


## MICRO-CABEL SM G657.A2 4-fiber

Part Number: **MSL-090-04/A2**

**Applications:** Blown Installation, Campus Backbone, Campus Distribution cabling, General purpose all-dielectric outdoor LAN, Outdoor Plant Duct Installation

**General Construction:** The cable contains 4 SM type G657-A2 color coded optical fibers, each with a 250µm outer diameter. The optical fibers are contained in a loose tube filled with thixotropic gel, which is reinforced by aramid strength yarns and jacketed.



**Outer Jacket Material:** HFFR  
**Outer Diameter:** 2.8 mm nom.  
**Weight:** 9 kg/km

### Design & Materials

<b>Buffer Material:</b>	PBT
<b>Tube Diameter:</b>	1.8 mm nom.
<b>Color Code:</b>	Per TIA/EIA 598-C
<b>Strength Elements:</b>	Aramid Yarns
<b>Number of fibers:</b>	4
<b>Outer Jacket Color:</b>	Green
<b>Marking:</b>	Per request

### Standards

<b>Applicable Standards:</b>	IEC 60794
<b>Installation:</b>	Guidelines as per IEC 60794-1-1 Annex A

### Performance

<b>Tensile Strength - Short Term:</b>	200 N max.
<b>Tensile Strength - Long Term:</b>	100 N max.
<b>Max. Crush Resistance:</b>	50 N/cm
<b>Min. Bend Radius for Installation:</b>	30 mm
<b>Min. Bend Radius for Operation:</b>	30 mm
<b>Max. Operating Temperature:</b>	+60 °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