

# LANmark-OF MG Universal LSZH

## LANMARK-OF MG 96X MULTIMODE 50/125 OM3 LSZH BLACK

**Aginode Ref:** N165.MG96L1530B

- Loose tube fibre cable, Multi-tube
- Outdoor installation in a duct
- Horizontal and vertical installation indoor
- Designed for splicing with ST, SC or LC pigtails
- All fibres grades

**The loose tube design from Aginode provide a strong cable with high resistance to impacts.**

The central tube contains up till 96 fibres . For multitubes, the tubes contains up to 12 fibres. Termination of these fibres is done with splicing with pigtails.

The watertight glass yarns and the gel inside the tube makes this cable design watertight and suitable for installation outdoor in a duct by pulling. Its fire performance allows indoor installation as well.

### Characteristics

- Outdoor cable for installation in a duct and indoor cable
- Designed for termination by splicing
- Central looetube / Multitube design
- All dielectric
- Waterproof structure
- Rodent retardant
- UV-resistant
- Flame non propagation (IEC 60332-1)
- Fire non propagation (IEC 60331-3 & NFC 32070-C1)
- Available in all fibre grades
- Reaction to Fire Eca, according to EN50575:2014+A1:2016



### STANDARDS

ISO/IEC 11801

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

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## Eigenschaften

### Konstruktionsmerkmale

Leitungsaufbau	Multitube
Fasertyp	OM3 50/125
Halogenfrei	IEC 60754-1
Jacket material	LSZH Halogen free flame retardant
Verwendetes Material für Längswasserdichtigkeit	Swellable Glass yarns
Metallfrei	Yes

### Abmessungsmerkmale

Nettogewicht ca.	148 kg/km
Nominal Cable Diameter (mm)	11.4 mm
Anzahl der optischen Fasern	96
Anzahl der Bündel	8
Rohrdurchmesser	1.7 mm

### Mechanische Eigenschaften

Crush resistance (IEC 60794-1-E3)	2000 N/100mm
Max. Reißfestigkeit	≥ 6000 N/mm <sup>2</sup>
Reißfestigkeit	6000 N

### Anwendungsmerkmale

Flammwidrig	IEC 60332-1-2
Korrosivität der (Brand-)Gase	niedrig, gem. IEC 60754-2
Umgebungstemperatur, Bereich	-30...60 °C
Betriebstemperatur	-40...70 °C
Rauchdichte	IEC 61034-2
Lagertemperatur, Bereich	-40...70 °C
UV Beständigkeit	Very good

## DoP: Declaration of Performance

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