

LANmark-OF MG Universal LSZH

LANMARK-OF MG 96X SINGLEMODE 9/125 OS2 LSZH BLACK

Aginode Ref: N164.MG96L1530B

- Loose tube fibre cable, Multi-tube
- Outdoor installation in a duct thanks to water-swellable tape and yarn
- 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 double layer of water-swellable tape and glass yarn offer a high protection against the water penetration and 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 60332-1-2)
- 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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Characteristics

Construction characteristics

Construction type	Multitube
Fiber optic type	SM (G657.A1)
Halogen free	IEC 60754-1
Jacket material	LSZH Halogen free flame retardant
Material used for longitudinal water tightness	Swellable Glass yarns
Metal free	Yes

Dimensional characteristics

Approximate weight	148 kg/km
Nominal Cable Diameter (mm)	11.4 mm
Number of optical fibres	96
Number of tubes	8
Tube diameter	1.7 mm

Mechanical characteristics

Crush resistance (IEC 60794-1-E3)	2000 N/100mm
Maximum tensile strength	≥ 6000 N/mm ²
Tensile strength	6000 N

Usage characteristics

Flame retardant	IEC 60332-1-2
Gases corrosivity	IEC 60754-2
Installation temperature, range	-30...60 °C
Operating temperature, range	-40...70 °C
Smoke density	IEC 61034-2
Storage temperature, range	-40...70 °C
U.V resistance	Very good

DoP: Declaration of Performance

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