

# LANmark-OF UG Indoor/Outdoor PE 2-24C APAC Region

## LANMARK-OF UG 12 X MULTIMODE 50/125 BI OM3 PE BLACK

### Aginode Ref: N175.845

- Indoor / Outdoor in ducts
- Glass yarns protection and HDPE jacket
- 12 fibers
- Watertight and rodent protection
- Bending Insensitive Fibers for OM3 cables

## Application

The construction is suitable for use indoor and outdoor in ducts.

It is surrounded by glass yarns and providing rodent protection.

The cable has a HDPE outer jacket.

The loose tube design has a capacity of up to 24 fibres.

Diameter of the fibres

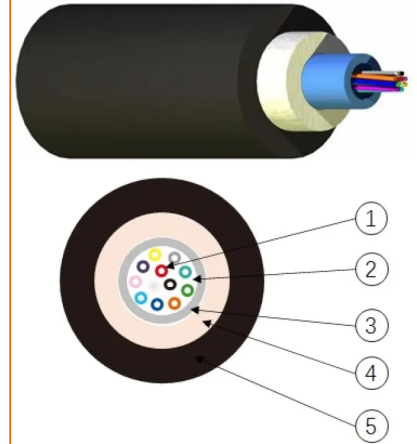
is 250 um. Termination of these fibres is done with splicing of pigtails.

The cable is watertight due to the gel in the loose tube and the watertight glass yarns.

## Construction

### Legend accompanying the cross section drawing:

1. Optical fibres (250um)
2. Gel
3. Loose tube
4. Reinforced watertight glass yarns
5. HDPE outer jacket



## STANDARDS

ANSI/TIA-568-C.3

IEC 60793-2-10

ISO/IEC 11801

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## Characteristics

### Construction characteristics

Fiber optic type	OM3 50/125
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### Dimensional characteristics

Outer Diameter	7.2 mm
Weight	43 g
Number of optical fibres	12

### Mechanical characteristics

Mechanical resistance to impacts (IEC 60794-1-E4)	100 impacts of 1 N.m
Crush resistance (IEC 60794-1-E3)	2000 N/100mm
Maximum pulling force (IEC 60794-1-2-E1)	1700 N

### Usage characteristics

Operating temperature, range	-20...60 °C
Minimum dynamic operating bending radius	144.0 mm
Minimum static operating bending radius	72 mm
Storage temperature, range	-20...70 °C
Installation temperature, range	0...40 °C