

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

## LANMARK-OF UG 4 X MULTIMODE 50/125 BI OM3 PE BLACK

**Aginode Ref:** N175.841

- Indoor / Outdoor in ducts
- Glass yarns protection and HDPE jacket
- 4 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

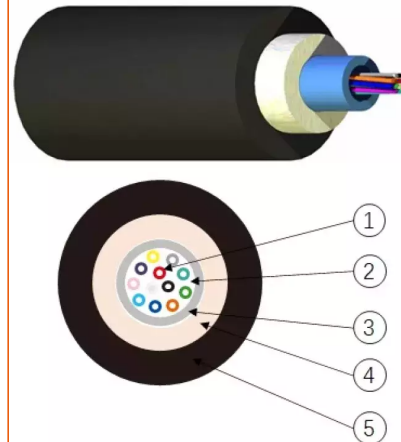
is 250 um. Termination of these fibres is done with splicing of pigtails.

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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## Caractéristiques

### Caractéristiques de construction

|                         |            |
|-------------------------|------------|
| Type de fibres optiques | OM3 50/125 |
|-------------------------|------------|

### Caractéristiques dimensionnelles

|                           |        |
|---------------------------|--------|
| Diamètre extérieur        | 7.2 mm |
| Masse                     | 43 g   |
| Nombre de fibres optiques | 4      |

### Caractéristiques mécaniques

|                                                 |                      |
|-------------------------------------------------|----------------------|
| Résistance mécanique aux chocs (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               |

### Caractéristiques d'utilisation

|                                                    |             |
|----------------------------------------------------|-------------|
| Température ambiante d'utilisation, plage          | -20...60 °C |
| Rayon de courbure minimum en utilisation dynamique | 144.0 mm    |
| Rayon de courbure minimum en utilisation statique  | 72 mm       |
| Température de stockage, plage                     | -20...70 °C |
| Température ambiante d'installation, plage         | 0...40 °C   |