

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

LANMARK-OF UG 6 X SINGLEMODE 9/125 G.652.D PE BLACK

**Aginode Ref:** N174.842

- Indoor / Outdoor in ducts
- Glass yarns protection and HDPE jacket
- 6 fibers
- Watertight and rodent protection

## 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

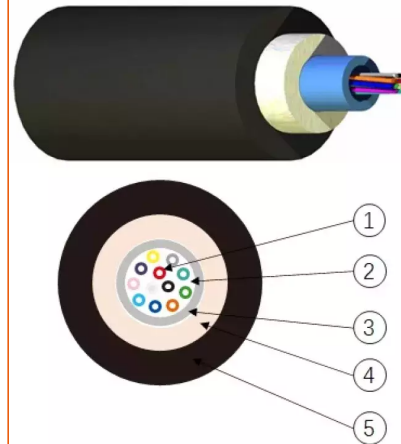
is 250  $\mu$ m. Termination of these fibres is done with splicing of pigtails.

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 (250 $\mu$ m)
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

# LANmark-OF UG 6 x Singlemode 9/125 G.652.D PE Black

## Characteristics

### Construction characteristics

|                  |             |
|------------------|-------------|
| Fiber optic type | SM (G.652D) |
|------------------|-------------|

### Dimensional characteristics

|                          |        |
|--------------------------|--------|
| Outer Diameter           | 7.2 mm |
| Weight                   | 43 g   |
| Number of optical fibres | 6      |

### 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   |