

# LANmark-OF DB Outdoor PE 2-144core APAC Region

LANMARK-OF OUTDOOR DB OPTICAL FIBER CABLE,SINGLEMODE G.652.D 9/125 96F,PE,BLACK, APAC REGION

**Aginode Ref:** N174.96DBPE

- Suitable for outdoor application in ducts or direct burial
- Robust structure with water-blocking material
- Fiber available in OM3/OM4/G.652.D/G.657.A1, up to 144 cores
- Double metal tape armoring provides full rodent protection
- Loose tube with gel

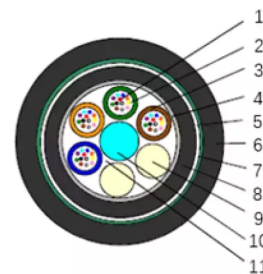
## DESCRIPTION

DB outdoor cable is suitable for outdoor application in ducts or direct burial. The cable is watertight due to the gel in the loose tube and water-blocking material in cable. It consists of double metal tape armoring providing full rodent protection. The cable outer jacket is PE, UV-resistant and good weatherability. Diameter of the fibers is 250 um. Termination of fibers can be done with splicing of pigtailed.

## Construction

Legend accompanying the cross section drawing:

1. Optical fibers (250um)
2. Tube filling compound
3. Loose tube
4. Aluminum tape armor
5. Water-blocking gel
6. PE outer jacket
7. Steel tape armor
8. PE inner jacket
9. Filler
10. Central strength member
11. Water-blocking gel



## STANDARDS

ANSI/TIA-568.3-D  
IEC 60794  
ISO 11801 Ed.3

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## Characteristics

### 구조적 특성

|               |       |
|---------------|-------|
| Armour type   | 双层金属带 |
| 피복            | 폴리에틸렌 |
| Sheath colour | 검은색   |

### 기계적 특성

|                                                   |                      |
|---------------------------------------------------|----------------------|
| Crush resistance (IEC 60794-1-E3)                 | 300 N/cm             |
| Maximum pulling force (IEC 60794-1-2-E1)          | 3000 N               |
| Mechanical resistance to impacts (IEC 60794-1-E4) | 10 impacts of 10 N.m |

### 사용 특성

|                                          |             |
|------------------------------------------|-------------|
| Ambient installation temperature, range  | 0...40 °C   |
| Minimum dynamic operating bending radius | 151 mm      |
| Minimum static operating bending radius  | 302 mm      |
| 操作温度范围                                   | -40...70 °C |
| Storage temperature, range               | -40...70 °C |