

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

LANMARK-OF OUTDOOR DB OPTICAL FIBER CABLE,SINGLEMODE G.652.D 9/125 48F,LSZH,BLACK, APAC REGION

## Aginode Ref: N174.48DBLH

- Suitable for outdoor application in ducts or direct burial
- Robust structure with water-blocking material
- Fiber available in OM3/OM4/OS2, 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 LSZH material which can meet IEC 60332-1, IEC 60332-3-24, IEC 61034-2, IEC 60754-1/2. 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 materials
6. LSZH outer jacket
7. Steel tape armor
8. LSZH inner jacket
9. Filler
10. Central strength member
11. Water-blocking materials



## STANDARDS

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

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## Caractéristiques

### Caractéristiques de construction

|                     |   |
|---------------------|---|
| Armure              | Double Metal Tape                           |
| Gaine extérieure    | Faible dégagement de fumée et sans halogène |
| Couleur de la gaine | Noir  |

### Caractéristiques mécaniques

|   |                      |
|---|----------------------|
| Crush resistance (IEC 60794-1-E3)               | 3000 N/100mm         |
| Maximum pulling force (IEC 60794-1-2-E1)        | 3000 N               |
| Résistance mécanique aux chocs (IEC 60794-1-E4) | 10 impacts of 10 N.m |

### Caractéristiques d'utilisation

|  |             |
|--|-------------|
| Température ambiante lors de l'installation, plage | 0...40 °C   |
| Rayon de courbure minimum en utilisation dynamique | 166 mm      |
| Rayon de courbure minimum en utilisation statique  | 332 mm      |
| Température ambiante d'utilisation, plage          | -40...70 °C |
| Température de stockage, plage                     | -40...70 °C |