

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

LANMARK-OF OUTDOOR DB OPTICAL FIBER CABLE,MUTIMODE OM3 50/125 48F,LSZH,BLACK, APAC REGION

## Aginode Ref: N175.48DBLH

- 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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## Characteristics

### Construction characteristics

Armour type	Double Metal Tape
Outer sheath	LSZH
Sheath colour	Black

### Mechanical characteristics

Crush resistance (IEC 60794-1-E3)	3000 N/100mm
Maximum pulling force (IEC 60794-1-2-E1)	3000 N
Mechanical resistance to impacts (IEC 60794-1-E4)	10 impacts of 10 N.m

### Usage characteristics

Ambient installation temperature, range	0...40 °C
Minimum dynamic operating bending radius	166 mm
Minimum static operating bending radius	332 mm
Operating temperature, range	-40...70 °C
Storage temperature, range	-40...70 °C