

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

LANMARK-OF OUTDOOR DB OPTICAL FIBER CABLE,MUTIMODE OM3 50/125 12F,LSZH,BLACK, APAC REGION

Aginode Ref: N175.12DBLH

- 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