

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

LANMARK-OF OUTDOOR DB OPTICAL FIBER CABLE,SINGLEMODE G.652.D 9/125 12F,PE,BLACK, APAC REGION

Aginode Ref: N174.12DBPE

- 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 steel 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 corrugated steel 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 crossing section drawing:

1. Optical fibers (250um)
2. Tube filling compound
3. Loose tube
4. APL
5. Water-blocking gel
6. PE outer jacket
7. PSP
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	Double Metal Tape
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	166 mm
Minimum static operating bending radius	332 mm
操作温度范围	-40...70 °C
Storage temperature, range	-40...70 °C