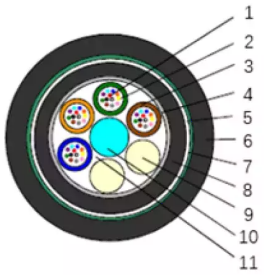
LANmark-OF DB Outdoor PE 2-144core APAC Region

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

Aginode Ref: N174.48DBPE

- 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



STANDARDS

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

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 pigtails.

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

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

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Characteristics

Construction characteristics	
Armour type	Double Metal Tape
Outer sheath	PE
Sheath colour	Black
Mechanical characteristics	
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
Usage characteristics	
Ambient installation temperature, range	0...40 °C
Minimum dynamic operating bending radius	332 mm
Minimum static operating bending radius	166 mm
Operating temperature, range	-40...70 °C
Storage temperature, range	-40...70 °C

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