

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

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

Aginode Ref: N175.12DBPE

- 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 metal tape armoring provides full rodent protection
- Loose tube with gel

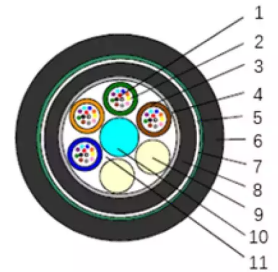
DESCRIPTION

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 PE, UV-resistant and good weatherability. Diameter of the fibers is 250 μ m. Termination of fibers can be done with splicing of pigtails.

Construction

Legend accompanying the crossing section drawing:

1. Optical fibers (250 μ m)
2. Tube filling compound
3. Loose tube
4. Aluminum tape armor
5. Water-blocking gel
6. PE outer jacket
7. Steel tape armor
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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Eigenschaften

Konstruktionsmerkmale

Armierung	Double Metal Tape
Außenmantel	PE
Mantelfarbe	Schwarz

Mechanische Eigenschaften

Querdruckwiderstand (IEC 794-1-E3)	300 N/cm
Max. Zugkraft (IEC 60794-1-2-E1)	3000 N
Mechanical resistance to impacts (IEC 60794-1-E4)	10 impacts of 10 N.m

Anwendungsmerkmale

Umgebungstemperatur bei Verlegung, Bereich	0...40 °C
Dynamischer Mindestbiegeradius während Anwendung	166 mm
Mindestbiegeradius bei statischem Einsatz	332 mm
Betriebstemperatur	-40...70 °C
Lagertemperatur, Bereich	-40...70 °C