

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

LANMARK-OF OUTDOOR DB OPTICAL FIBER CABLE,MUTIMODE OM3 50/125 96F,LSZH,BLACK, APAC REGION

Aginode Ref: N175.96DBLH

- 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 pigtails.

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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Eigenschaften

Konstruktionsmerkmale

Armierung	Double Metal Tape
Außenmantel	LSZH
Mantelfarbe	Schwarz

Mechanische Eigenschaften

Crush resistance (IEC 60794-1-E3)	3000 N/100mm
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