



Fibre Optic

Loose Tube LSZH CPR Dca



Application

- Easy and fast installation due to its small diameter and light construction.
- Suitable for pushing, blowing method.
- Indoor and duct type applications; low smoke, zero halogen.
- Problem-free use in power lines due to its nonmetallic construction.
- In network systems, MAN, WAN, LAN applications.
- Rodent protection.

Cable Design

Fibre Type	OM1 / OM2/ OM3 / OM4/ OS2
Loose tube	PBT single loose tube, Thixotropic gel filled
Strength Elements	Glass Yarn
Ripcord	Polyester
Outer jacket	Halogen Free Flame Retardant (HFFR) UV resistant

Colour Identification

4-12 Fibres : Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua.

16-24 Fibres;

Fibres with WHITE seperator : Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua.

Fibres with BLUE seperator : Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua.





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Specification

Part Number	N° of Fibres	Tube Diameter [mm]	Overall Diameter [mm]	Weight [kg/km]
OFLD-*04-UAZH	4	3,4	7,4	65
OFLD-*08-UAZH	8	3,4	7,4	65
OFLD-*12-UAZH	12	3,4	7,4	65
OFLD-*16-UAZH	16	4,2	7,6	72
OFLD-*24-UAZH	24	4,2	7,6	72

* denotes fibre type required : 1=62.5/125 OM1 | 2 = 50/125 OM2 | 3 = 50/125 OM3 |
 4 = 50/125 OM4 | 8 = 9/125 OS2 ITU-T G.652.D
 e.g. 24 core single mode 9/125 = OFLD824-UAZH

Mechanical and Thermal Characteristics

Test	Reference Standard	Specified Value
Maximum Tensile Strength	IEC 60794-1-21-E1	≥ 1200 N
Crush Resistance	IEC 60794-1-21-E3	1500 N/100 mm (15 minutes)
Smoke Density	IEC 61034-2	
Corrosive Gas	IEC 60754-2	
Halogen-Free	IEC 60754-1	
Flame Retardancy	IEC 60332-1-2	
CPR Class	Dca -s2, d2, a1	