

Central loose tube cable LSZH: U-DQ(ZN)BH

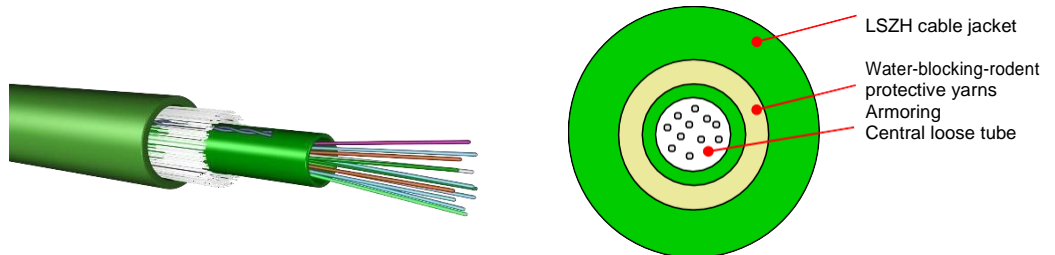
Source code: T



Cable construction

Fiber⁽¹⁾	OM3, OM4, OS2
Loose tube	Jelly filled loose tube with 2-24 fibers
Strength member	
Water blocking	Reinforced fiberglass yarns
Sheath	LSZH, Green

⁽¹⁾For more fiber details see fiber data sheet



Application

This cable can be used for LAN and WAN backbones, telecom access lines, fiber to business and fiber to the building drop connections as well as fiber to the home drop and access connections.

Armor in non-metallic rodent protection & water blocking glass yarns implemented.

With its LSZH sheathing this cable is ideal for mixed indoor and outdoor installations. It is equally suited for installation in ducts and trays.

Standards

ISO 11801:2011
EN 50173-1
IEC 60794-2-20

Fire rating

IEC 60332-1-2 Test for vertical flame propagation for a single insulated wire or cable
IEC 60754-1 Determination of the halogen acid gas content during the combustion
IEC 60754-2 Determination of degree of acidity of gases evolved during the combustion
IEC 61034-2 Measurement of smoke density of cables burning under defined conditions
EN 50575 Confirming to European regulation "CPR"
EN 50575 **Dca-s2,d2,a1; DoP C1012**

Physical properties

Fiber count	2f - 12f	24f
Outer diameter	7.0 ±0.3 mm	8.0 ±0.3mm
Weight	57 kg/km	74 kg/km
Rodent protection	Yes – Non-metallic armor enhancement	
Tensile force		
installation	1800 N	
permanent	1000 N	IEC 60794-1-21 E1
Compressive strength	2000 N/10cm	IEC 60794-1-21 E3
Impact (no damage)	10 J	IEC 60794-1-21 E4
Bending radius	15 x outer diameter	IEC 60794-1-21 E11
Temperature range		
storage	-30°C ... +70°C	
during installation	-10°C ... +40°C	
during operation	-30°C ... +70°C	IEC 60794-1-22 F1
Water penetration	No water on free end	IEC 60794-1-22 F5B

Fiber color code

1 Red	13 Red w/black mark
2 Green	14 Green w/black mark
3 Blue	15 Blue w/black mark
4 Yellow	16 Yellow w/black mark
5 Grey	17 Grey w/black mark
6 Violet	18 Violet w/black mark
7 Brown	19 Brown w/black mark
8 Orange	20 Orange w/black mark
9 White	21 White w/black mark
10 Pink	22 Pink w/black mark
11 Black	23 Natural w/black mark
12 Turquoise	24 Turquoise w/black mark

Order Information

Number of fibers	Item numbers		
	50/125 μ m (OM3)	50/125 μ m (OM4)	9/125 μ m (OS2 / G562.D)
2			848062T
4	839791T	839796T	840483T
6	839792T	839797T	840484T
8	839793T	839798T	840485T
12	839794T	839799T	840486T
24	839795T	839800T	840487T