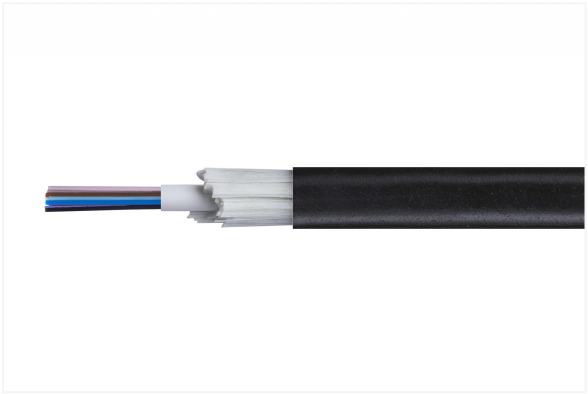
securityNET

8007 5 5xx-00 U-DQ(ZN)BH

Universal fiber optic cable SM U-DQ(ZN)BH CPR Eca



Universal single-mode rodent-resistant fiber optic cable U-DQ(ZN)BH (ZW-NOTKtcdDb) – fully dielectric with a lightweight loose-tube design. It features high flexibility, strong tensile resistance, and UV resistance. The cable can contain up to 24 optical fibers and is filled with hydrophobic gel to protect the fibers from moisture penetration. Designed for indoor and outdoor installation in telecommunication duct systems. Installation can be carried out using mechanical methods (pulling) or pneumatic methods (blowing).

Technical specifications

Universal fiber optic cable
SM U-DQ(ZN)BH CPR Eca

Product group	universal cable (outdoor-intdor)
Fiber standard	ITU-T G.657.A1
Deformation resistance	yes
Halogen-free (according to EN 13501-1/2)	yes
Fire classification (according to EN 13501-6)	Eca
Longitudinal moisture penetration protection	yes
Rodent-resistant	yes
Tube	central
Fiber type	SM
Outer sheath	LSZH
Outer sheath color	black
Outer sheath thickness	1,2mm
Operating temperature range	-40°C / +70°C

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Installation temperature range	-15°C / +50°C
Transport temperature range	-40°C / +70°C

Available variants

Universal fiber optic cable
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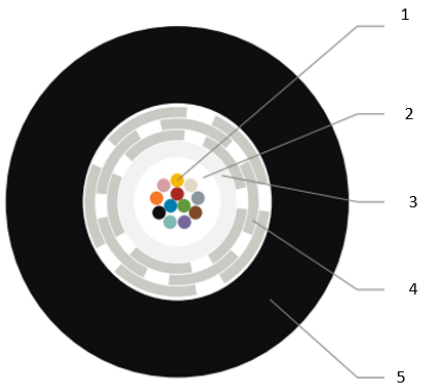
Name	Catalog number	Construction	Bending radius [mm]	Weight [kg/km]	Weight [kg/km]	Max. tensile force [N]
U-DQ(ZN)BH 4J	8007 5 536-00	4 x SM (1x4)	110	34	5,9	1300
U-DQ(ZN)BH 8J	8007 5 538-00	8 x SM (1x8)	125	38	6,2	1300
U-DQ(ZN)BH 12J	8007 5 539-00	12 x SM (1x12)	125	38	6,2	1300
U-DQ(ZN)BH 24J	8007 5 540-00	24 x SM (1x24)	160	51	6,8	1300



Budowa kabla

1. Włókna światłowodowe.
2. Ochrona przed przenikaniem wilgoci w postaci pęczniejących włókien absorbujących wodę.
3. Tuba wypełniona włóknami (HFFR PBT).
4. Ochrona w postaci włókien szklanych.
5. Powłoka zewnętrzna HFFR, UV odporna.

Resistance to external conditions

The cable is resistant to UV radiation and changing weather conditions, ensuring long-term reliability and durability even in outdoor installations.

High transmission quality

Thanks to the use of high-quality optical fibers, the cable ensures stable data transmission with minimal attenuation and signal reflections.