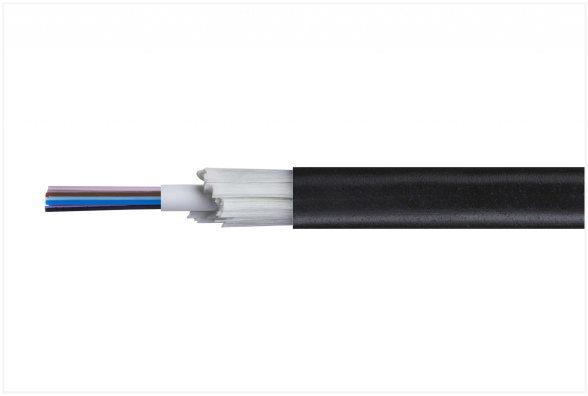
securityNET

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

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



Universal rodent-resistant single-mode fiber optic cable U-DQ(ZN)BH – fully dielectric with a lightweight single-tube construction. It is characterized by high flexibility and tensile strength, and is UV resistant. The cable can contain up to 24 optical fibers, and is filled with hydrophobic gel to protect the fibers from moisture penetration. It is intended for indoor and outdoor installation in telecommunication ducts. Installation can be carried out using mechanical (pulling) and pneumatic (blowing) methods.

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	PE - LSZH
Outer sheath color	black
Outer sheath thickness	1,2mm
Operating temperature range	-40°C / +70°C

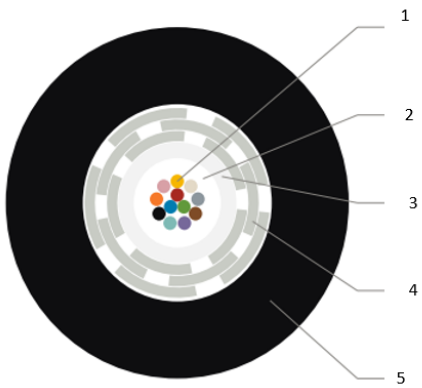
info@securitynet.eu
+48 65 525 55 50

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

Available variants

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

Name	Catalogue number	Construction	Bending radius [mm]	Weight [kg/km]	Weight [kg/km]	Maximum tensile force [N]
U-DQ(ZN)BH 4J	8007 5 542-00	4 x SM (1x4)	140	41	6,4	1600
U-DQ(ZN)BH 8J	8007 5 544-00	8 x SM (1x8)	140	45	6,7	1600
U-DQ(ZN)BH 12J	8007 5 545-00	12 x SM (1x12)	140	45	6,7	1600
U-DQ(ZN)BH 24J	8007 5 546-00	24 x SM (1x24)	150	51	7,2	1600



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.

Outdoor weather resistance

The cable is resistant to UV radiation and variable 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 provides stable data transmission with minimal attenuation and signal reflections.