

Fibre Optic Outdoor Cable

acc. DIN VDE 0888

HELUCOM[®] pact

A-DQ(ZN)B2Y, central



Cable structure

Core type: Loose tube
Strain relief elements: Glass yarns
Type of armouring: Glass yarns
Outer sheath material: PE
Outer sheath colour: Black

Temperature range

Laying, min.: -5°C
Laying, max.: +50°C
Operating, min.: -20°C
Operating, max.: +60°C

Other data

Corrosiveness acc. to EN50267-2-3
Halogen-free acc. to 60754-2
Longitudinally water-tight acc. to IEC 60794-1-2-F5
UV-resistant

Designation	Number of fibres	Fibre type	Number of fibres per core	Outer Ø approx. mm	Max. tensile force N	Min. stat. bending radius mm	Caloric load approx. MJ / m	Max. transverse pressure N / cm	Weight kg / km	Part no.
A-DQ(ZN)B2Y	2	Multimode G50/125	2	7,5	1500	150,0	1,60	300	40,0	800754
A-DQ(ZN)B2Y	2	Multimode G62.5/125	2	7,5	1500	150,0	1,60	300	40,0	802131
A-DQ(ZN)B2Y	2	Single-mode E9/125	2	7,5	1500	150,0	1,60	300	40,0	802137
A-DQ(ZN)B2Y	4	Multimode G50/125	4	7,5	1500	150,0	1,60	300	40,0	800755
A-DQ(ZN)B2Y	4	Multimode G62.5/125	4	7,5	1500	150,0	1,60	300	40,0	802132
A-DQ(ZN)B2Y	4	Single-mode E9/125	4	7,5	1500	150,0	1,60	300	40,0	802138
A-DQ(ZN)B2Y	6	Multimode G50/125	6	7,5	1500	150,0	1,60	300	40,0	800756
A-DQ(ZN)B2Y	6	Multimode G62.5/125	6	7,5	1500	150,0	1,60	300	40,0	802133
A-DQ(ZN)B2Y	6	Single-mode E9/125	6	7,5	1500	150,0	1,60	300	40,0	802139
A-DQ(ZN)B2Y	8	Multimode G50/125	8	7,5	1500	150,0	1,60	300	40,0	800757
A-DQ(ZN)B2Y	8	Multimode G62.5/125	8	7,5	1500	150,0	1,60	300	40,0	802134
A-DQ(ZN)B2Y	8	Single-mode E9/125	8	7,5	1500	150,0	1,60	300	40,0	802140
A-DQ(ZN)B2Y	12	Multimode G50/125	12	7,5	1500	150,0	1,60	300	40,0	800759
A-DQ(ZN)B2Y	12	Multimode G62.5/125	12	7,5	1500	150,0	1,60	300	40,0	802135
A-DQ(ZN)B2Y	12	Single-mode E9/125	12	7,5	1500	150,0	1,60	300	40,0	802141
A-DQ(ZN)B2Y	24	Single-mode E9/125	24	8,5	1500	170,0	1,90	300	60,0	802142
A-DQ(ZN)B2Y	24	Multimode G50/125	24	8,5	1500	170,0	1,90	300	60,0	800762
A-DQ(ZN)B2Y	24	Multimode G62.5/125	24	8,5	1500	170,0	1,90	300	60,0	802136

Dimensions and specifications may be changed without prior notice.

Application

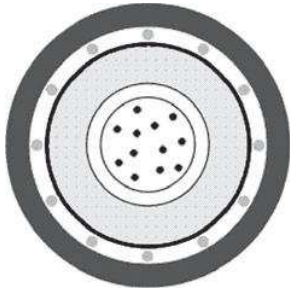
These HELUCOM[®] pact fibre-optic cables are characterized by a design that is particularly easy to mount and is rodent-protected. Around a central grooved cable, there is a composite of glass yarns and swelling fleece with characteristics that ensure rodent protection, strain relief, and waterproofing in longitudinal direction of the cable. In addition, these cables are designed grease-free. Wiping the jelly off is therefore unnecessary. This construction is particularly used in underground, tubes and channel areas, where normal tensile stresses and/or transverse compressions occur and rodent infestation is to be expected.

Fibre Optic Indoor/Outdoor Cable

acc. DIN VDE 0888

HELUCOM[®] pact

A/I-DQ(ZN)BH



Cable structure

Core type: Loose tube
Strain relief elements: Glass yarns
Type of armouring: Glass yarns
Outer sheath material: FRNC
Outer sheath colour: Black

Temperature range

Laying, min.: -5°C
Laying, max.: +50°C
Operating, min.: -20°C
Operating, max.: +60°C

Other data

Corrosiveness acc. to EN50267-2-3
Halogen-free acc. to 60754-2
Flame-resistance acc. to IEC 60332-1
Smoke density acc. to IEC 61034
Longitudinally water-tight acc. to IEC 60794-1-2-F5
UV-resistant

Designation	Number of fibres	Fibre type	Number of fibres per core	Outer Ø approx. mm	Max. tensile force N	Min. stat. bending radius mm	Caloric load approx. MJ / m	Max. transverse pressure N / cm	Weight kg / km	Part no.
A/I-DQ(ZN)BH	4	Multimode G50/125	4	7,5	1500	150,0	1,10	200	55,0	82792
A/I-DQ(ZN)BH	4	Multimode G62.5/125	4	7,5	1500	150,0	1,10	200	55,0	82796
A/I-DQ(ZN)BH	4	Single-mode E9/125	4	7,5	1500	150,0	1,10	200	55,0	82800
A/I-DQ(ZN)BH	6	Multimode G50/125	6	7,5	1500	150,0	1,10	200	55,0	82793
A/I-DQ(ZN)BH	6	Multimode G62.5/125	6	7,5	1500	150,0	1,10	200	55,0	82797
A/I-DQ(ZN)BH	6	Single-mode E9/125	6	7,5	1500	150,0	1,10	200	55,0	82801
A/I-DQ(ZN)BH	8	Multimode G50/125	8	7,5	1500	150,0	1,10	200	55,0	82794
A/I-DQ(ZN)BH	8	Multimode G62.5/125	8	7,5	1500	150,0	1,10	200	55,0	82798
A/I-DQ(ZN)BH	8	Single-mode E9/125	8	7,5	1500	150,0	1,10	200	55,0	82802
A/I-DQ(ZN)BH	12	Multimode G50/125	12	7,5	1500	150,0	1,10	200	55,0	82795
A/I-DQ(ZN)BH	12	Multimode G62.5/125	12	7,5	1500	150,0	1,10	200	55,0	82799
A/I-DQ(ZN)BH	12	Single-mode E9/125	12	7,5	1500	150,0	1,10	200	55,0	82803
A/I-DQ(ZN)BH	24	Multimode G50/125	24	8,5	1500	170,0	1,40	200	75,0	802143
A/I-DQ(ZN)BH	24	Multimode G62.5/125	24	8,5	1500	170,0	1,40	200	75,0	802144
A/I-DQ(ZN)BH	24	Single-mode E9/125	24	8,5	1500	170,0	1,40	200	75,0	802145

Dimensions and specifications may be changed without prior notice.

Application

These HELUCOM[®] pact fibre-optic cables have a small but robust construction. They are suitable for indoor and outdoor cabling of buildings and facilities when space is an important argument. They are used in particular if the installation is to be done in one piece from the inside to the outside without additional use of couplings. With their black UV-resistant outer sheath and the non-metallic rodent protection, they are perfectly suited for outdoor use. The halogen-free outer sheath makes installation inhouse possible without any problems.