

Fibre Optic Outdoor Cable

acc. DIN VDE 0888

HELUCOM®

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	10,0	2500	160,0	1,60	300	100,0	80196
A-DQ(ZN)B2Y	2	Multimode G62.5/125	2	10,0	2500	160,0	1,60	300	100,0	80212
A-DQ(ZN)B2Y	2	Single-mode E9/125	2	10,0	2500	160,0	1,60	300	100,0	80180
A-DQ(ZN)B2Y	4	Multimode G50/125	4	10,0	2500	160,0	1,60	300	100,0	80197
A-DQ(ZN)B2Y	4	Multimode G62.5/125	4	10,0	2500	160,0	1,60	300	100,0	80213
A-DQ(ZN)B2Y	4	Single-mode E9/125	4	10,0	2500	160,0	1,60	300	100,0	80181
A-DQ(ZN)B2Y	6	Multimode G50/125	6	10,0	2500	160,0	1,60	300	100,0	80198
A-DQ(ZN)B2Y	6	Multimode G62.5/125	6	10,0	2500	160,0	1,60	300	100,0	80214
A-DQ(ZN)B2Y	6	Single-mode E9/125	6	10,0	2500	160,0	1,60	300	100,0	80182
A-DQ(ZN)B2Y	8	Multimode G50/125	8	10,0	2500	160,0	1,60	300	100,0	80199
A-DQ(ZN)B2Y	8	Multimode G62.5/125	8	10,0	2500	160,0	1,60	300	100,0	80215
A-DQ(ZN)B2Y	8	Single-mode E9/125	8	10,0	2500	160,0	1,60	300	100,0	80183
A-DQ(ZN)B2Y	12	Multimode G50/125	12	10,0	2500	160,0	1,60	300	100,0	80201
A-DQ(ZN)B2Y	12	Multimode G62.5/125	12	10,0	2500	160,0	1,60	300	100,0	80217
A-DQ(ZN)B2Y	12	Single-mode E9/125	12	10,0	2500	160,0	1,60	300	100,0	80185
A-DQ(ZN)B2Y	16	Multimode G50/125	16	10,0	2500	180,0	1,80	300	130,0	80202
A-DQ(ZN)B2Y	16	Multimode G62.5/125	16	10,0	2500	180,0	1,80	300	130,0	80218
A-DQ(ZN)B2Y	16	Single-mode E9/125	16	10,0	2500	180,0	1,80	300	130,0	80186
A-DQ(ZN)B2Y	24	Multimode G50/125	24	10,0	2500	180,0	1,80	300	130,0	80204
A-DQ(ZN)B2Y	24	Multimode G62.5/125	24	10,0	2500	180,0	1,80	300	130,0	80220
A-DQ(ZN)B2Y	24	Single-mode E9/125	24	10,0	2500	180,0	1,80	300	130,0	80187

Dimensions and specifications may be changed without prior notice.

Application

These HELUCOM® 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.