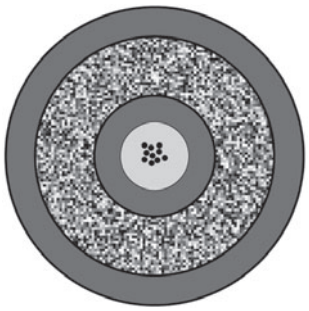
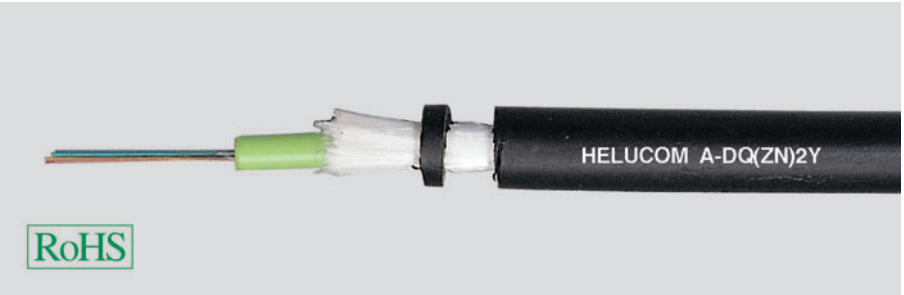
Fibre Optic Outdoor Cable

acc. DIN VDE 0888

HELUCOM®

A-DQ(ZN)2Y, central





Cable structure

Core type: Loose tube
Strain relief elements: 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)2Y	2	Multimode G50/125	2	8,8	1500	130,0	1,60	250	40,0	**80148**
A-DQ(ZN)2Y	2	Multimode G62.5/125	2	8,8	1500	130,0	1,60	250	40,0	**80164**
A-DQ(ZN)2Y	2	Single-mode E9/125	2	8,8	1500	130,0	1,60	250	40,0	**80131**
A-DQ(ZN)2Y	4	Multimode G50/125	4	8,8	1500	130,0	1,60	250	40,0	**80149**
A-DQ(ZN)2Y	4	Multimode G62.5/125	4	8,8	1500	130,0	1,60	250	40,0	**80165**
A-DQ(ZN)2Y	4	Single-mode E9/125	4	8,8	1500	130,0	1,60	250	40,0	**80132**
A-DQ(ZN)2Y	6	Multimode G50/125	6	8,8	1500	130,0	1,60	250	40,0	**80150**
A-DQ(ZN)2Y	6	Multimode G62.5/125	6	8,8	1500	130,0	1,60	250	40,0	**80166**
A-DQ(ZN)2Y	6	Single-mode E9/125	6	8,8	1500	130,0	1,60	250	40,0	**80133**
A-DQ(ZN)2Y	8	Multimode G50/125	8	8,8	1500	130,0	1,60	250	40,0	**80151**
A-DQ(ZN)2Y	8	Multimode G62.5/125	8	8,8	1500	130,0	1,60	250	40,0	**80167**
A-DQ(ZN)2Y	8	Single-mode E9/125	8	8,8	1500	130,0	1,60	250	40,0	**80134**
A-DQ(ZN)2Y	12	Multimode G50/125	12	8,8	1500	130,0	1,60	250	40,0	**80153**
A-DQ(ZN)2Y	12	Multimode G62.5/125	12	8,8	1500	130,0	1,60	250	40,0	**80169**
A-DQ(ZN)2Y	12	Single-mode E9/125	12	8,8	1500	130,0	1,60	250	40,0	**80136**
A-DQ(ZN)2Y	16	Multimode G50/125	16	8,8	1500	130,0	1,80	250	70,0	**80154**
A-DQ(ZN)2Y	16	Multimode G62.5/125	16	8,8	1500	130,0	1,80	250	70,0	**80170**
A-DQ(ZN)2Y	16	Single-mode E9/125	16	8,8	1500	130,0	1,80	250	70,0	**80137**
A-DQ(ZN)2Y	24	Multimode G50/125	24	8,8	1500	130,0	1,80	250	70,0	**80155**
A-DQ(ZN)2Y	24	Multimode G62.5/125	24	8,8	1500	130,0	1,80	250	70,0	**80171**
A-DQ(ZN)2Y	24	Single-mode E9/125	24	8,8	1500	130,0	1,80	250	70,0	**80138**

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. Around a central grooved cable, there is a composite of glass yarns and swelling fleece with characteristics that ensure the actual 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 rodent infestation is not to be expected.