

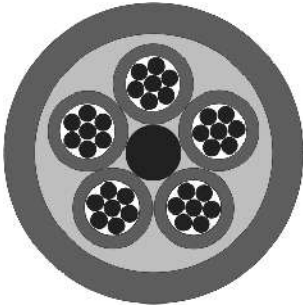
Fibre Optic Outdoor Cable

acc. DIN VDE 0888

HELUCOM®

RoHS

A-DQ(ZN)2Y, stranded



Cable structure

Core type: Buffered-fibre
GRP support element
Strain relief elements: Aramide
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
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 ca. mm	Max. tensile force N	Min. stat. bending radius mm	Caloric load ca. MJ/m	Max. transverse pressure N/cm	Weight kg/km	Part no.
A-DQ(ZN)2Y	24	Multimode G50/125	12	10,2	2500	200,0	4,90	400	170,0	80156
A-DQ(ZN)2Y	24	Multimode G62.5/125	12	10,2	2500	200,0	4,90	400	170,0	80172
A-DQ(ZN)2Y	24	Single-mode E9/125	12	10,2	2500	200,0	4,90	400	170,0	80139
A-DQ(ZN)2Y	36	Multimode G50/125	12	10,2	2500	200,0	4,90	400	170,0	80448
A-DQ(ZN)2Y	36	Multimode G62.5/125	12	10,2	2500	200,0	4,90	400	170,0	80449
A-DQ(ZN)2Y	36	Single-mode E9/125	12	10,2	2500	200,0	4,90	400	170,0	80450
A-DQ(ZN)2Y	48	Multimode G50/125	12	10,2	2500	200,0	4,90	400	170,0	80447
A-DQ(ZN)2Y	48	Multimode G62.5/125	12	10,2	2500	200,0	4,90	400	170,0	80446
A-DQ(ZN)2Y	48	Single-mode E9/125	12	10,2	2500	200,0	4,90	400	170,0	80445
A-DQ(ZN)2Y	60	Multimode G50/125	12	10,2	2500	200,0	4,90	400	180,0	80159
A-DQ(ZN)2Y	60	Multimode G62.5/125	12	10,2	2500	200,0	4,90	400	180,0	80175
A-DQ(ZN)2Y	60	Single-mode E9/125	12	10,2	2500	200,0	4,90	400	180,0	80142
A-DQ(ZN)2Y	72	Multimode G50/125	12	10,2	2500	250,0	6,00	400	240,0	80444
A-DQ(ZN)2Y	72	Multimode G62.5/125	12	10,2	2500	250,0	6,00	400	240,0	80443
A-DQ(ZN)2Y	72	Single-mode E9/125	12	10,2	2500	250,0	6,00	400	240,0	80442
A-DQ(ZN)2Y	84	Multimode G50/125	12	12,0	3000	310,0	7,00	600	240,0	80160
A-DQ(ZN)2Y	84	Multimode G62.5/125	12	12,0	3000	310,0	7,00	600	240,0	80176
A-DQ(ZN)2Y	84	Single-mode E9/125	12	12,0	3000	310,0	7,00	600	240,0	80143
A-DQ(ZN)2Y	96	Multimode G50/125	12	12,0	3000	310,0	7,40	600	240,0	80441
A-DQ(ZN)2Y	96	Multimode G62.5/125	12	12,0	3000	310,0	7,40	600	240,0	80440
A-DQ(ZN)2Y	96	Single-mode E9/125	12	12,0	3000	310,0	7,40	600	240,0	80439
A-DQ(ZN)2Y	108	Multimode G50/125	12	13,6	3000	310,0	7,70	600	260,0	80161
A-DQ(ZN)2Y	108	Multimode G62.5/125	12	13,6	3000	310,0	7,70	600	260,0	80177
A-DQ(ZN)2Y	108	Single-mode E9/125	12	13,6	3000	310,0	7,70	600	260,0	80144
A-DQ(ZN)2Y	120	Multimode G50/125	12	13,6	3000	310,0	7,90	600	260,0	80162
A-DQ(ZN)2Y	120	Multimode G62.5/125	12	13,6	3000	310,0	7,90	600	260,0	80178
A-DQ(ZN)2Y	120	Single-mode E9/125	12	13,6	3000	310,0	7,90	600	260,0	80146
A-DQ(ZN)2Y	144	Multimode G50/125	12	15,3	3000	310,0	9,30	600	270,0	80438
A-DQ(ZN)2Y	144	Multimode G62.5/125	12	15,3	3000	310,0	9,30	600	270,0	80437
A-DQ(ZN)2Y	144	Single-mode E9/125	12	15,3	3000	310,0	9,30	600	270,0	80436

Application

These HELUCOM® fibre-optic cables are characterized by a design that is particularly easy to mount and extremely tension-resistant. Around a stranded grooved cable and filler elements, there is a swelling fleece with characteristics that ensure 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 above-average tensile stresses and/or transverse compressions occur, but rodent infestation is not to be expected.