

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	No. of fibres	Fibre type	Fibre category	Number of fibres per core	Outer Ø app. mm	Max. tensile force N	Min. stat. bending radius mm	Caloric load app. MJ / m	Max. transverse pressure N / cm	Weight kg / km	Part no.
A-DQ(ZN)B2Y	2	Multimode G50/125	OM2	2	7,5	1500	150,0	1,60	300	40,0	800754
A-DQ(ZN)B2Y	2	Multimode G62.5/125	OM1	2	7,5	1500	150,0	1,60	300	40,0	802131
A-DQ(ZN)B2Y	2	Single-mode E9/125	ITU-T G.652	2	7,5	1500	150,0	1,60	300	40,0	802137
A-DQ(ZN)B2Y	4	Multimode G50/125	OM2	4	7,5	1500	150,0	1,60	300	40,0	800755
A-DQ(ZN)B2Y	4	Multimode G62.5/125	OM1	4	7,5	1500	150,0	1,60	300	40,0	802132
A-DQ(ZN)B2Y	4	Single-mode E9/125	ITU-T G.652	4	7,5	1500	150,0	1,60	300	40,0	802138
A-DQ(ZN)B2Y	6	Multimode G50/125	OM2	6	7,5	1500	150,0	1,60	300	40,0	800756
A-DQ(ZN)B2Y	6	Multimode G62.5/125	OM1	6	7,5	1500	150,0	1,60	300	40,0	802133
A-DQ(ZN)B2Y	6	Single-mode E9/125	ITU-T G.652	6	7,5	1500	150,0	1,60	300	40,0	802139
A-DQ(ZN)B2Y	8	Multimode G50/125	OM2	8	7,5	1500	150,0	1,60	300	40,0	800757
A-DQ(ZN)B2Y	8	Multimode G62.5/125	OM1	8	7,5	1500	150,0	1,60	300	40,0	802134
A-DQ(ZN)B2Y	8	Single-mode E9/125	ITU-T G.652	8	7,5	1500	150,0	1,60	300	40,0	802140
A-DQ(ZN)B2Y	12	Multimode G50/125	OM2	12	7,5	1500	150,0	1,60	300	40,0	800759
A-DQ(ZN)B2Y	12	Multimode G62.5/125	OM1	12	7,5	1500	150,0	1,60	300	40,0	802135
A-DQ(ZN)B2Y	12	Single-mode E9/125	ITU-T G.652	12	7,5	1500	150,0	1,60	300	40,0	802141
A-DQ(ZN)B2Y	24	Multimode G50/125	OM2	24	8,5	1500	170,0	1,90	300	60,0	800762
A-DQ(ZN)B2Y	24	Multimode G62.5/125	OM1	24	8,5	1500	170,0	1,90	300	60,0	802136
A-DQ(ZN)B2Y	24	Single-mode E9/125	ITU-T G.652	24	8,5	1500	170,0	1,90	300	60,0	802142

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.

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Designation	No. of fibres	Fibre type	Fibre category	Number of fibres per core	Outer Ø app. mm	Max. tensile force N	Min. stat. bending radius mm	Caloric load app. MJ / m	Max. transverse pressure N / cm	Weight kg / km	Part no.
A-DQ(ZN)B2Y	2	Multimode G50/125	OM2	2	10,0	2500	160,0	1,60	300	85,0	80196
A-DQ(ZN)B2Y	2	Multimode G62.5/125	OM1	2	10,0	2500	160,0	1,60	300	85,0	80212
A-DQ(ZN)B2Y	2	Single-mode E9/125	ITU-T G.652	2	10,0	2500	160,0	1,60	300	85,0	80180
A-DQ(ZN)B2Y	4	Multimode G50/125	OM2	4	10,0	2500	160,0	1,60	300	85,0	80197
A-DQ(ZN)B2Y	4	Multimode G62.5/125	OM1	4	10,0	2500	160,0	1,60	300	85,0	80213
A-DQ(ZN)B2Y	4	Single-mode E9/125	ITU-T G.652	4	10,0	2500	160,0	1,60	300	85,0	80181
A-DQ(ZN)B2Y	6	Multimode G50/125	OM2	6	10,0	2500	160,0	1,60	300	85,0	80198
A-DQ(ZN)B2Y	6	Multimode G62.5/125	OM1	6	10,0	2500	160,0	1,60	300	85,0	80214
A-DQ(ZN)B2Y	6	Single-mode E9/125	ITU-T G.652	6	10,0	2500	160,0	1,60	300	85,0	80182
A-DQ(ZN)B2Y	8	Multimode G50/125	OM2	8	10,0	2500	160,0	1,60	300	85,0	80199
A-DQ(ZN)B2Y	8	Multimode G62.5/125	OM1	8	10,0	2500	160,0	1,60	300	85,0	80215
A-DQ(ZN)B2Y	8	Single-mode E9/125	ITU-T G.652	8	10,0	2500	160,0	1,60	300	85,0	80183
A-DQ(ZN)B2Y	12	Multimode G50/125	OM2	12	10,0	2500	160,0	1,60	300	85,0	80201
A-DQ(ZN)B2Y	12	Multimode G62.5/125	OM1	12	10,0	2500	160,0	1,60	300	85,0	80217
A-DQ(ZN)B2Y	12	Single-mode E9/125	ITU-T G.652	12	10,0	2500	160,0	1,60	300	85,0	80185
A-DQ(ZN)B2Y	16	Multimode G50/125	OM2	16	10,0	2500	180,0	1,80	300	95,0	80202
A-DQ(ZN)B2Y	16	Multimode G62.5/125	OM1	16	10,0	2500	180,0	1,80	300	95,0	80218
A-DQ(ZN)B2Y	16	Single-mode E9/125	ITU-T G.652	16	10,0	2500	180,0	1,80	300	95,0	80186
A-DQ(ZN)B2Y	24	Multimode G50/125	OM2	24	10,0	2500	180,0	1,80	300	95,0	80204
A-DQ(ZN)B2Y	24	Multimode G62.5/125	OM1	24	10,0	2500	180,0	1,80	300	95,0	80220
A-DQ(ZN)B2Y	24	Single-mode E9/125	ITU-T G.652	24	10,0	2500	180,0	1,80	300	95,0	80187

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