

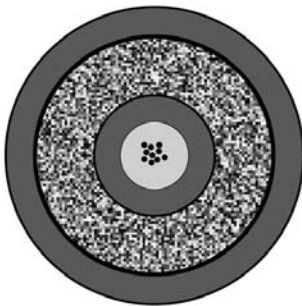
# Fibre Optic Outdoor Cable

acc. DIN VDE 0888

HELUCOM®

RoHS

A-DQ(ZN)B2Y, central



## Cable structure

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

## Temperature range

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

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.

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