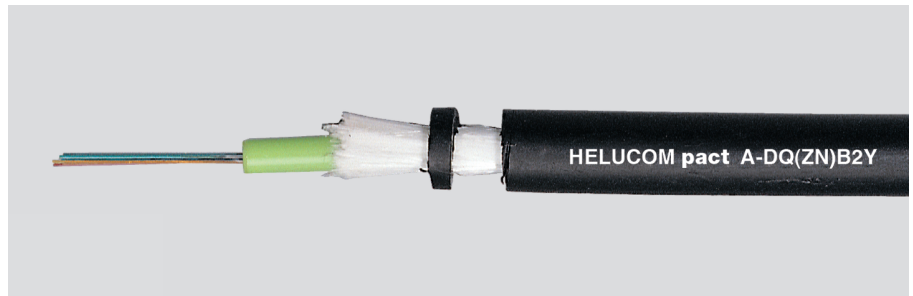


# Fibre Optic Outdoor Cable

acc. DIN VDE 0888

**HELUCOM<sup>®</sup> 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	<b>800754</b>
A-DQ(ZN)B2Y	2	Multimode G62.5/125	OM1	2	7,5	1500	150,0	1,60	300	40,0	<b>802131</b>
A-DQ(ZN)B2Y	2	Single-mode E9/125	ITU-T G.652d	2	7,5	1500	150,0	1,60	300	40,0	<b>802137</b>
A-DQ(ZN)B2Y	4	Multimode G50/125	OM2	4	7,5	1500	150,0	1,60	300	40,0	<b>800755</b>
A-DQ(ZN)B2Y	4	Multimode G62.5/125	OM1	4	7,5	1500	150,0	1,60	300	40,0	<b>802132</b>
A-DQ(ZN)B2Y	4	Single-mode E9/125	ITU-T G.652d	4	7,5	1500	150,0	1,60	300	40,0	<b>802138</b>
A-DQ(ZN)B2Y	6	Multimode G50/125	OM2	6	7,5	1500	150,0	1,60	300	40,0	<b>800756</b>
A-DQ(ZN)B2Y	6	Multimode G62.5/125	OM1	6	7,5	1500	150,0	1,60	300	40,0	<b>802133</b>
A-DQ(ZN)B2Y	6	Single-mode E9/125	ITU-T G.652d	6	7,5	1500	150,0	1,60	300	40,0	<b>802139</b>
A-DQ(ZN)B2Y	8	Multimode G50/125	OM2	8	7,5	1500	150,0	1,60	300	40,0	<b>800757</b>
A-DQ(ZN)B2Y	8	Multimode G62.5/125	OM1	8	7,5	1500	150,0	1,60	300	40,0	<b>802134</b>
A-DQ(ZN)B2Y	8	Single-mode E9/125	ITU-T G.652d	8	7,5	1500	150,0	1,60	300	40,0	<b>802140</b>
A-DQ(ZN)B2Y	12	Multimode G50/125	OM2	12	7,5	1500	150,0	1,60	300	40,0	<b>800759</b>
A-DQ(ZN)B2Y	12	Multimode G50/125	OM4	12	7,5	1500	150,0	1,60	300	40,0	<b>804682</b>
A-DQ(ZN)B2Y	12	Multimode G62.5/125	OM1	12	7,5	1500	150,0	1,60	300	40,0	<b>802135</b>
A-DQ(ZN)B2Y	12	Single-mode E9/125	ITU-T G.652d	12	7,5	1500	150,0	1,60	300	40,0	<b>802141</b>
A-DQ(ZN)B2Y	24	Multimode G50/125	OM2	24	8,5	1500	170,0	1,90	300	60,0	<b>800762</b>
A-DQ(ZN)B2Y	24	Multimode G50/125	OM4	24	8,5	1500	170,0	1,90	300	60,0	<b>804683</b>
A-DQ(ZN)B2Y	24	Multimode G62.5/125	OM1	24	8,5	1500	170,0	1,90	300	60,0	<b>802136</b>
A-DQ(ZN)B2Y	24	Single-mode E9/125	ITU-T G.652d	24	8,5	1500	170,0	1,90	300	60,0	<b>802142</b>

Dimensions and specifications may be changed without prior notice.

## Application

These HELUCOM<sup>®</sup> 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.