

# 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	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)2Y	2	Multimode G50/125	OM2	2	8,8	1500	130,0	1,60	250	40,0	<b>80148</b>
A-DQ(ZN)2Y	2	Multimode G62.5/125	OM1	2	8,8	1500	130,0	1,60	250	40,0	<b>80164</b>
A-DQ(ZN)2Y	2	Single-mode E9/125	ITU-T G.652	2	8,8	1500	130,0	1,60	250	40,0	<b>80131</b>
A-DQ(ZN)2Y	4	Multimode G50/125	OM2	4	8,8	1500	130,0	1,60	250	40,0	<b>80149</b>
A-DQ(ZN)2Y	4	Multimode G62.5/125	OM1	4	8,8	1500	130,0	1,60	250	40,0	<b>80165</b>
A-DQ(ZN)2Y	4	Single-mode E9/125	ITU-T G.652	4	8,8	1500	130,0	1,60	250	40,0	<b>80132</b>
A-DQ(ZN)2Y	6	Multimode G50/125	OM2	6	8,8	1500	130,0	1,60	250	40,0	<b>80150</b>
A-DQ(ZN)2Y	6	Multimode G62.5/125	OM1	6	8,8	1500	130,0	1,60	250	40,0	<b>80166</b>
A-DQ(ZN)2Y	6	Single-mode E9/125	ITU-T G.652	6	8,8	1500	130,0	1,60	250	40,0	<b>80133</b>
A-DQ(ZN)2Y	8	Multimode G50/125	OM2	8	8,8	1500	130,0	1,60	250	40,0	<b>80151</b>
A-DQ(ZN)2Y	8	Multimode G62.5/125	OM1	8	8,8	1500	130,0	1,60	250	40,0	<b>80167</b>
A-DQ(ZN)2Y	8	Single-mode E9/125	ITU-T G.652	8	8,8	1500	130,0	1,60	250	40,0	<b>80134</b>
A-DQ(ZN)2Y	12	Multimode G50/125	OM2	12	8,8	1500	130,0	1,60	250	40,0	<b>80153</b>
A-DQ(ZN)2Y	12	Multimode G62.5/125	OM1	12	8,8	1500	130,0	1,60	250	40,0	<b>80169</b>
A-DQ(ZN)2Y	12	Single-mode E9/125	ITU-T G.652	12	8,8	1500	130,0	1,60	250	40,0	<b>80136</b>
A-DQ(ZN)2Y	16	Multimode G50/125	OM2	16	8,8	1500	130,0	1,80	250	70,0	<b>80154</b>
A-DQ(ZN)2Y	16	Multimode G62.5/125	OM1	16	8,8	1500	130,0	1,80	250	70,0	<b>80170</b>
A-DQ(ZN)2Y	16	Single-mode E9/125	ITU-T G.652	16	8,8	1500	130,0	1,80	250	70,0	<b>80137</b>
A-DQ(ZN)2Y	24	Multimode G50/125	OM2	24	8,8	1500	130,0	1,80	250	70,0	<b>80155</b>
A-DQ(ZN)2Y	24	Multimode G62.5/125	OM1	24	8,8	1500	130,0	1,80	250	70,0	<b>80171</b>
A-DQ(ZN)2Y	24	Single-mode E9/125	ITU-T G.652	24	8,8	1500	130,0	1,80	250	70,0	<b>80138</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. 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.

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