

# Fibre Optic Outdoor Cable

Microduct

**HELUCOM®**

A-DQ2Y, central



## Cable structure

Core type: Loose tube  
Strain relief elements: Aramide  
Outer sheath material: PE  
Outer sheath colour: Black

## Temperature range

Laying, min.: -20°C  
Laying, max.: +60°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-DQ2Y central	4	Single-mode E9/125	ITU-T G.652	4	2,5	180	40,0	1,40	100	6,0	<b>803664</b>
A-DQ2Y central	12	Single-mode E9/125	ITU-T G.652	12	2,5	180	40,0	1,40	100	6,0	<b>803929</b>

Dimensions and specifications may be changed without prior notice.

## Application

These HELUCOM® micro fibre-optic cables are characterized by a design that is slim but robust. Around a central tube, there is a composite of swelling fleece with characteristics that ensure the strain relief, and waterproofing in longitudinal direction of the cable. This construction is particularly used in tubes and channels. These cables can be blowing into microducts.

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# Fibre Optic Outdoor Cable

Microduct

**HELUCOM®**

A-DQ2Y, stranded



## Cable structure

Core type: Loose tube  
Strain relief elements: Aramide  
Outer sheath material: PE  
Outer sheath colour: Black

## Temperature range

Laying, min.: -5°C  
Laying, max.: +50°C  
Operating, min.: -25°C  
Operating, max.: +70°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-DQ2Y stranded	4	Single-mode E9/125	ITU-T G.652	4	5,8	850	70,0	0,89	150	27,0	<b>803931</b>
A-DQ2Y stranded	12	Single-mode E9/125	ITU-T G.652	12	5,8	850	70,0	0,87	150	27,0	<b>803932</b>
A-DQ2Y stranded	24	Single-mode E9/125	ITU-T G.652	12	5,8	850	70,0	0,87	150	27,0	<b>803930</b>
A-DQ2Y stranded	48	Single-mode E9/125	ITU-T G.652	12	5,8	850	70,0	0,87	150	27,0	<b>803658</b>
A-DQ2Y stranded	72	Single-mode E9/125	ITU-T G.652	12	5,8	850	60,0	0,87	150	27,0	<b>803659</b>
A-DQ2Y stranded	96	Single-mode E9/125	ITU-T G.652	12	6,8	1000	70,0	1,25	150	40,0	<b>803660</b>
A-DQ2Y stranded	144	Single-mode E9/125	ITU-T G.652	12	9,4	1800	140,0	2,19	150	79,0	<b>803661</b>
A-DQ2Y stranded	288	Single-mode E9/125	ITU-T G.652	12	11,2	1500	115,0	2,97	100	90,0	<b>803668</b>

Dimensions and specifications may be changed without prior notice.

## Application

These HELUCOM® micro fibre-optic cables are characterized by a design that is slim but robust. Around stranded tubes, there is a composite of swelling fleece with characteristics that ensure the strain relief, and waterproofing in longitudinal direction of the cable. This construction is particularly used in tubes and channels. These cables can be blowing into microducts.