

# Fibre Optic Outdoor Cable

steel armoured

**HELUCOM®**

A-DQ(ZN)(SR)2Y



## Cable structure

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

## Temperature range

Laying, min.: -5°C  
Laying, max.: +50°C  
Operating, min.: -20°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  
Cable, laterally water-tight  
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)(SR)2Y	4	Multimode G50/125	OM2	4	9,5	1500	95,0	2,00	500	115,0	<b>802917</b>
A-DQ(ZN)(SR)2Y	4	Multimode G62.5/125	OM1	4	9,5	1500	95,0	2,00	500	115,0	<b>803925</b>
A-DQ(ZN)(SR)2Y	4	Single-mode E9/125	ITU-T G.652	4	9,5	1500	95,0	2,00	500	105,0	<b>803927</b>
A-DQ(ZN)(SR)2Y	12	Multimode G50/125	OM2	12	9,5	1500	95,0	2,00	500	115,0	<b>802918</b>
A-DQ(ZN)(SR)2Y	12	Multimode G62.5/125	OM1	12	9,5	1500	95,0	2,00	500	115,0	<b>803926</b>
A-DQ(ZN)(SR)2Y	12	Single-mode E9/125	ITU-T G.652	12	9,5	1500	95,0	2,00	500	115,0	<b>803928</b>

Dimensions and specifications may be changed without prior notice.

## Application

These HELUCOM® fibre-optic cables are characterized by a compact construction with a swelling fleece. Above-average rodent protection is achieved with the metallic rodent protection (steel groove) and an outer sheath made of PE. This construction is particularly used in the area of telecommunication and long distance, but also in regular channels and tubes where rodent infestation is possible.

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# Fibre Optic Outdoor Cable

acc. ARCOR Standard

**HELUCOM®**

A-DF(ZN)2Y(SR)2Y



## Cable structure

Core type: Loose tube  
 GRP support element  
 Strain relief elements: Aramide  
 Inner sheath material: PE  
 Type of armouring: Steel rib  
 Outer sheath material: PE  
 Outer sheath colour: Black

## Temperature range

Laying, min.: -5°C  
 Laying, max.: +50°C  
 Operating, min.: -25°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  
 Cable, laterally water-tight  
 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-DF(ZN)2Y(SR)2Y	12	Single-mode E9/125	ITU-T G.652	2	13,0	2700	130,0	0,00	800	180,0	<b>82190</b>
A-DF(ZN)2Y(SR)2Y	24	Single-mode E9/125	ITU-T G.652	4	13,0	2700	130,0	0,00	800	180,0	<b>800708</b>
A-DF(ZN)2Y(SR)2Y	48	Single-mode E9/125	ITU-T G.652	12	13,0	2700	130,0	0,00	800	180,0	<b>800709</b>
A-DF(ZN)2Y(SR)2Y	60	Single-mode E9/125	ITU-T G.652	12	13,0	2700	130,0	0,00	800	180,0	<b>800710</b>

Dimensions and specifications may be changed without prior notice.

## Application

These HELUCOM® fibre-optic cables are characterized by a stranded construction with jelly filling. They are made waterproof in longitudinal direction by filling a jelly mass into the stranding cavities. Above-average rodent protection is achieved with the metallic rodent protection (steel groove) and the second outer sheath made of PE. This construction is particularly used in the area of telecommunication and long distance where ARCOR standards must be followed, but also in regular channels and tubes where rodent infestation is possible.