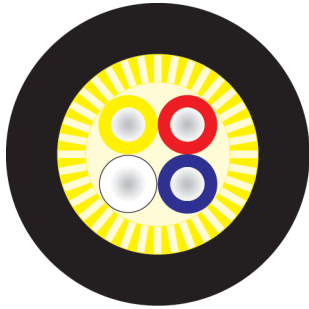


# Fibre Optic Indoor/ Outdoor Minibreakout Cable

acc. DIN VDE 0888

**HELUCOM®**  
A/I-VQ(ZN)BH



## Cable structure

Core type: Tight buffer  
Strain relief elements: Aramide  
Type of armouring: Glass yarns  
Outer sheath material: FRNC  
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  
Flame-resistance acc. to IEC 60332-1 and -3  
Smoke density acc. to IEC 61034  
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/I-VQ(ZN)BH	4	Multimode G50/125	OM2	1	6,5	1500	90,0	0,35	100	34,0	<b>82804</b>
A/I-VQ(ZN)BH	4	Multimode G62.5/125	OM1	1	6,5	1500	90,0	0,35	100	34,0	<b>82809</b>
A/I-VQ(ZN)BH	4	Single-mode E9/125	ITU-T G.652d	1	6,5	1500	90,0	0,35	100	34,0	<b>82814</b>
A/I-VQ(ZN)BH	6	Multimode G50/125	OM2	1	6,5	1500	100,0	0,41	100	36,0	<b>82805</b>
A/I-VQ(ZN)BH	6	Multimode G62.5/125	OM1	1	6,5	1500	100,0	0,41	100	36,0	<b>82810</b>
A/I-VQ(ZN)BH	6	Single-mode E9/125	ITU-T G.652d	1	6,5	1500	100,0	0,41	100	36,0	<b>82815</b>
A/I-VQ(ZN)BH	8	Multimode G50/125	OM2	1	7,0	1500	100,0	0,43	100	39,0	<b>82806</b>
A/I-VQ(ZN)BH	8	Multimode G62.5/125	OM1	1	7,0	1500	100,0	0,43	100	39,0	<b>82811</b>
A/I-VQ(ZN)BH	8	Single-mode E9/125	ITU-T G.652d	1	7,0	1500	100,0	0,43	100	39,0	<b>82816</b>
A/I-VQ(ZN)BH	12	Multimode G50/125	OM2	1	7,5	1500	125,0	0,71	100	43,0	<b>82808</b>
A/I-VQ(ZN)BH	12	Multimode G62.5/125	OM1	1	7,5	1500	125,0	0,71	100	43,0	<b>82813</b>
A/I-VQ(ZN)BH	12	Single-mode E9/125	ITU-T G.652d	1	7,5	1500	125,0	0,71	100	43,0	<b>82818</b>

Dimensions and specifications may be changed without prior notice.

## Application

These HELUCOM® fibre-optic cables are used for the data network cabling in indoor and outdoor applications. With their black UV-resistant outer sheath and the non-metallic rodent protection, they are perfectly suited for outdoor use. A big advantage of this cable type is its space-saving construction. Similar to the breakout cable, the connector is directly mounted at the tight buffer.