

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.: +55°C

Other data

Corrosiveness acc. to EN50267-2-3
Halogen-free acc. to 60754-2
Flame-resistance acc. to IEC 60332-1
Smoke density acc. to IEC 61034
UV-resistant

Designation	Number of fibres	Fibre type	Number of fibres per core	Outer Ø approx. mm	Max. tensile force N	Min. stat. bending radius mm	Caloric load approx. MJ / m	Max. transverse pressure N / cm	Weight kg / km	Part no.
A/I-VQ(ZN)BH	4	Multimode G50/125	1	6,1	2000	90,0	0,35	40	40,0	82804
A/I-VQ(ZN)BH	4	Multimode G62.5/125	1	6,1	2000	90,0	0,35	40	40,0	82809
A/I-VQ(ZN)BH	4	Single-mode E9/125	1	6,1	2000	90,0	0,35	40	40,0	82814
A/I-VQ(ZN)BH	6	Multimode G50/125	1	6,6	2000	100,0	0,41	40	47,0	82805
A/I-VQ(ZN)BH	6	Multimode G62.5/125	1	6,6	2000	100,0	0,41	40	47,0	82810
A/I-VQ(ZN)BH	6	Single-mode E9/125	1	6,6	2000	100,0	0,41	40	47,0	82815
A/I-VQ(ZN)BH	8	Multimode G50/125	1	6,6	2000	100,0	0,43	40	51,0	82806
A/I-VQ(ZN)BH	8	Multimode G62.5/125	1	6,6	2000	100,0	0,43	40	51,0	82811
A/I-VQ(ZN)BH	8	Single-mode E9/125	1	6,6	2000	100,0	0,43	40	51,0	82816
A/I-VQ(ZN)BH	10	Multimode G50/125	1	8,0	2000	120,0	0,61	40	65,0	82807
A/I-VQ(ZN)BH	10	Multimode G62.5/125	1	8,0	2000	120,0	0,61	40	65,0	82812
A/I-VQ(ZN)BH	10	Single-mode E9/125	1	8,0	2000	120,0	0,61	40	65,0	82817
A/I-VQ(ZN)BH	12	Multimode G50/125	1	8,3	3000	125,0	0,71	40	70,0	82808
A/I-VQ(ZN)BH	12	Multimode G62.5/125	1	8,3	3000	125,0	0,71	40	70,0	82813
A/I-VQ(ZN)BH	12	Single-mode E9/125	1	8,3	3000	125,0	0,71	40	70,0	82818

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.