

Fibre Optic Indoor/ Outdoor Cable

acc. DIN VDE 0888

HELUCOM[®] pact
A/I-DQ(ZN)BH



Cable structure

Core type: Loose tube
Strain relief elements: Glass yarns
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 60332-1-2
Smoke density acc. to IEC 61034
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/I-DQ(ZN)BH	4	Multimode G50/125	OM2	4	7,5	1500	150,0	1,10	200	55,0	82792
A/I-DQ(ZN)BH	4	Multimode G62.5/125	OM1	4	7,5	1500	150,0	1,10	200	55,0	82796
A/I-DQ(ZN)BH	4	Single-mode E9/125	ITU-T G.652d	4	7,5	1500	150,0	1,10	200	55,0	82800
A/I-DQ(ZN)BH	6	Multimode G50/125	OM2	6	7,5	1500	150,0	1,10	200	55,0	82793
A/I-DQ(ZN)BH	6	Multimode G50/125	OM3	6	7,5	1500	150,0	1,10	200	55,0	802277
A/I-DQ(ZN)BH	6	Multimode G62.5/125	OM1	6	7,5	1500	150,0	1,10	200	55,0	82797
A/I-DQ(ZN)BH	6	Single-mode E9/125	ITU-T G.652d	6	7,5	1500	150,0	1,10	200	55,0	82801
A/I-DQ(ZN)BH	8	Multimode G50/125	OM2	8	7,5	1500	150,0	1,10	200	55,0	82794
A/I-DQ(ZN)BH	8	Multimode G50/125	OM3	8	7,5	1500	150,0	1,10	200	55,0	802278
A/I-DQ(ZN)BH	8	Multimode G62.5/125	OM1	8	7,5	1500	150,0	1,10	200	55,0	82798
A/I-DQ(ZN)BH	8	Single-mode E9/125	ITU-T G.652d	8	7,5	1500	150,0	1,10	200	55,0	82802
A/I-DQ(ZN)BH	12	Multimode G50/125	OM2	12	7,5	1500	150,0	1,10	200	55,0	82795
A/I-DQ(ZN)BH	12	Multimode G50/125	OM3	12	7,5	1500	150,0	1,10	200	55,0	802248
A/I-DQ(ZN)BH	12	Multimode G50/125	OM4	12	7,5	1500	150,0	1,10	200	55,0	804705
A/I-DQ(ZN)BH	12	Multimode G62.5/125	OM1	12	7,5	1500	150,0	1,10	200	55,0	82799
A/I-DQ(ZN)BH	12	Single-mode E9/125	ITU-T G.652d	12	7,5	1500	150,0	1,10	200	55,0	82803
A/I-DQ(ZN)BH	24	Multimode G50/125	OM2	24	8,5	1500	170,0	1,40	200	75,0	802143
A/I-DQ(ZN)BH	24	Multimode G50/125	OM3	24	8,5	1500	170,0	1,40	200	75,0	802249
A/I-DQ(ZN)BH	24	Multimode G50/125	OM4	24	8,5	1500	170,0	1,40	200	75,0	804706
A/I-DQ(ZN)BH	24	Multimode G62.5/125	OM1	24	8,5	1500	170,0	1,40	200	75,0	802144
A/I-DQ(ZN)BH	24	Single-mode E9/125	ITU-T G.652d	24	8,5	1500	170,0	1,40	200	75,0	802145

Dimensions and specifications may be changed without prior notice.

Application

These HELUCOM[®] pact fibre-optic cables have a small but robust construction. They are suitable for indoor and outdoor cabling of buildings and facilities when space is an important argument. They are used in particular if the installation is to be done in one piece from the inside to the outside without additional use of couplings. With their black UV-resistant outer sheath and the non-metallic rodent protection, they are perfectly suited for outdoor use. The halogen-free outer sheath makes installation inhouse possible without any problems.