

Fibre Optic Minibreakout Cable

acc. DIN VDE 0888

HELUCOM®

I-V(ZN)H



Cable structure

Core type: Tight buffer
Strain relief elements: Aramide
Outer sheath material: FRNC
Outer sheath colour: Orange

Temperature range

Laying, min.: -5°C
Laying, max.: +50°C
Operating, min.: -10°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
Smoke density acc. to IEC 61034

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.
I-V(ZN)H	2	Multimode G50/125	1	4,0	400	60,0	0,24	40	15,0	80435
I-V(ZN)H	2	Multimode G62.5/125	1	4,0	400	60,0	0,24	40	15,0	80434
I-V(ZN)H	2	Single-mode E9/125	1	4,0	400	60,0	0,24	40	15,0	80433
I-V(ZN)H	4	Multimode G50/125	1	4,8	400	70,0	0,31	40	19,0	80432
I-V(ZN)H	4	Multimode G62.5/125	1	4,8	400	70,0	0,31	40	19,0	80431
I-V(ZN)H	4	Single-mode E9/125	1	4,8	400	70,0	0,31	40	19,0	80430
I-V(ZN)H	6	Multimode G50/125	1	5,3	400	80,0	0,35	40	23,0	80429
I-V(ZN)H	6	Multimode G62.5/125	1	5,3	400	80,0	0,35	40	23,0	80428
I-V(ZN)H	6	Single-mode E9/125	1	5,3	400	80,0	0,35	40	23,0	80427
I-V(ZN)H	8	Multimode G50/125	1	5,3	500	80,0	0,40	40	25,0	80426
I-V(ZN)H	8	Multimode G62.5/125	1	5,3	500	80,0	0,40	40	25,0	80425
I-V(ZN)H	8	Single-mode E9/125	1	5,3	500	80,0	0,40	40	25,0	80424
I-V(ZN)H	10	Multimode G50/125	1	6,0	600	90,0	0,53	40	32,0	80423
I-V(ZN)H	10	Multimode G62.5/125	1	6,0	600	90,0	0,53	40	32,0	80422
I-V(ZN)H	10	Single-mode E9/125	1	6,0	600	90,0	0,53	40	32,0	80421
I-V(ZN)H	12	Multimode G50/125	1	7,0	800	110,0	0,61	40	40,0	80420
I-V(ZN)H	12	Multimode G62.5/125	1	7,0	800	110,0	0,61	40	40,0	80419
I-V(ZN)H	12	Single-mode E9/125	1	7,0	800	110,0	0,61	40	40,0	80418

Dimensions and specifications may be changed without prior notice.

Application

These HELUCOM® fibre-optic cables are used for the data network cabling in indoor applications. 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.