

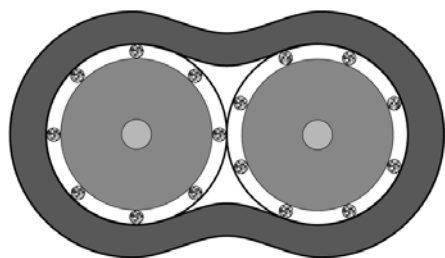
Fibre Optic Indoor cables

acc. DIN VDE 0888

HELUCOM®

RoHS

I-VH, I-V11Y, I-VHH, I-V11Y11Y



Cable structure

Core type: Composite buffered
Strain relief elements: Aramide
Outer sheath material: FRNC
Outer sheath colour: Yellow

Temperature range

Laying, min.: 0°C
Laying, min.: +50°C
Operating, min.: 0°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	Outer Ø ca. mm	Max. tensile force N	Min. stat. bending radius mm	Caloric load ca. MJ / m	Max. transverse pressure N / cm	Weight kg / km	Part no.
I-VH	1	Multimode G50/125	2,60	300	40,0	0,17	10	8,7	80783
I-VH	1	Multimode G62.5/125	2,60	300	40,0	0,17	10	8,7	80782
I-VH	1	Single-mode E9/125	2,60	300	40,0	0,17	10	8,7	80784
I-VH	2	Multimode G50/125	2,60 x 5,6	400	40,0	0,34	10	17,5	80316
I-VH	2	Multimode G62.5/125	2,60 x 5,6	400	40,0	0,34	10	17,5	80699
I-VH	2	Single-mode E9/125	2,60 x 5,6	400	40,0	0,34	10	17,5	80785
I-V11Y	2	Multimode G50/125	2,60 x 5,6	400	40,0	2,80	20	14,0	82408
I-V11Y	2	Multimode G62.5/125	2,60 x 5,6	400	40,0	2,80	20	14,0	82410
I-V11Y	2	Single-mode E9/125	2,60 x 5,6	400	40,0	2,80	20	14,0	82411
I-VHH	2	Multimode G50/125	3,60 x 6,20	600	50,0	0,52	20	20,0	80789
I-VHH	2	Multimode G62.5/125	3,60 x 6,20	600	50,0	0,52	20	20,0	80790
I-VHH	2	Single-mode E9/125	3,60 x 6,20	600	50,0	0,52	20	20,0	80791
I-V11Y11Y	2	Multimode G50/125	3,60 x 6,20	600	60,0	4,20	20	16,0	82409
I-V11Y11Y	2	Multimode G62.5/125	3,60 x 6,20	600	60,0	4,20	20	16,0	81900
I-V11Y11Y	2	Single-mode E9/125	3,60 x 6,20	600	60,0	4,20	20	16,0	82412

Dimensions and specifications may be changed without prior notice.

Application

These HELUCOM® one-fibre and two-fibre (duplex) cables are used for fixed indoor installation, such as in cable ducts. These cables are also used as ready-made cables (pigtailed) that are spliced to fixed cables or as connection cables (jumper cable) as well as for switch frames. The small diameter and the high flexibility make these cables ideal for the application in switch frames as well as for the connection of terminals.

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