

Fibre Optic Breakout-Cable

acc. DIN VDE 0888

HELUCOM®

I-V(ZN)HH



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, max.: +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 and IEC 60332-3
Smoke density acc. to IEC 61034

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.
I-V(ZN)HH	2	Multimode G50/125	OM2	1	7,1	1000	270,0	1,00	150	40,0	80743
I-V(ZN)HH	2	Multimode G62.5/125	OM1	1	7,1	1000	270,0	1,00	150	40,0	80799
I-V(ZN)HH	2	Single-mode E9/125	ITU-T G.652	1	7,1	1000	270,0	1,00	150	40,0	80813
I-V(ZN)HH	4	Multimode G50/125	OM2	1	7,1	1000	270,0	1,00	150	45,0	80753
I-V(ZN)HH	4	Multimode G62.5/125	OM1	1	7,1	1000	270,0	1,00	150	45,0	80800
I-V(ZN)HH	4	Single-mode E9/125	ITU-T G.652	1	7,1	1000	270,0	1,00	150	45,0	80814
I-V(ZN)HH	6	Multimode G50/125	OM2	1	8,4	1350	270,0	1,25	150	70,0	80754
I-V(ZN)HH	6	Multimode G62.5/125	OM1	1	8,4	1350	270,0	1,25	150	70,0	80769
I-V(ZN)HH	6	Single-mode E9/125	ITU-T G.652	1	8,4	1350	270,0	1,25	150	70,0	80815
I-V(ZN)HH	8	Multimode G50/125	OM2	1	9,3	1500	270,0	1,50	150	100,0	80688
I-V(ZN)HH	8	Multimode G62.5/125	OM1	1	9,3	1500	270,0	1,50	150	100,0	80801
I-V(ZN)HH	8	Single-mode E9/125	ITU-T G.652	1	9,3	1500	270,0	1,50	150	100,0	80816
I-V(ZN)HH	12	Multimode G50/125	OM2	1	9,6	2350	270,0	1,85	150	165,0	80795
I-V(ZN)HH	12	Multimode G62.5/125	OM1	1	9,6	2350	270,0	1,85	150	165,0	80803
I-V(ZN)HH	12	Single-mode E9/125	ITU-T G.652	1	9,6	2350	270,0	1,85	150	165,0	80818
I-V(ZN)HH	16	Multimode G50/125	OM2	1	15,0	2400	270,0	2,40	150	170,0	80796
I-V(ZN)HH	16	Multimode G62.5/125	OM1	1	15,0	2400	270,0	2,40	150	170,0	80804
I-V(ZN)HH	16	Single-mode E9/125	ITU-T G.652	1	15,0	2400	270,0	2,40	150	170,0	80819
I-V(ZN)HH	24	Multimode G50/125	OM2	1	17,5	2400	330,0	3,20	150	220,0	80798
I-V(ZN)HH	24	Multimode G62.5/125	OM1	1	17,5	2400	330,0	3,20	150	220,0	80806
I-V(ZN)HH	24	Single-mode E9/125	ITU-T G.652	1	17,5	2400	320,0	3,20	150	220,0	80821

Dimensions and specifications may be changed without prior notice.

Application

HELUCOM® breakout cables are designed to replace splicing on-site. They are mainly used in indoor applications for small and medium transmission lines. The fibre-optic connectors are mounted directly to the individual cables. Therefore no splicing and no splice boxes are necessary. Pre-assembled cables only need to be laid on site and are immediately functional.

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