

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

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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