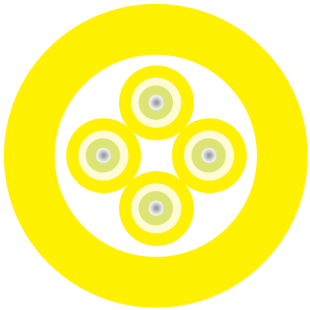
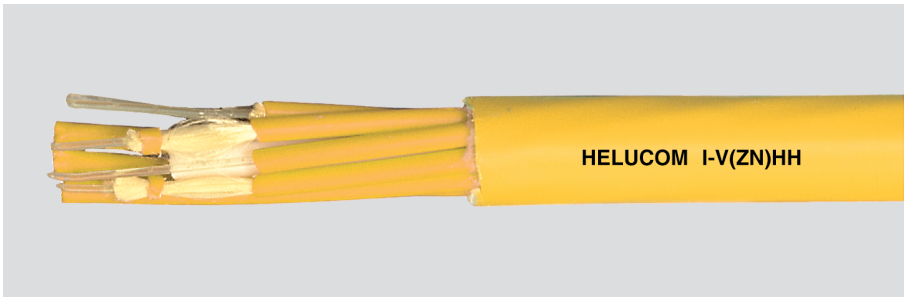
Fibre Optic Breakout-Cable

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	7,4	500	120,0	1,00	150	50,0	**80743**
I-V(ZN)HH	2	Multimode G62.5/125	OM1	1	7,4	500	120,0	1,00	150	50,0	**80799**
I-V(ZN)HH	2	Single-mode E9/125	ITU-T G.652d	1	7,4	800	120,0	1,00	150	54,0	**80813**
I-V(ZN)HH	4	Multimode G50/125	OM2	1	7,4	800	120,0	1,00	150	54,0	**80753**
I-V(ZN)HH	4	Multimode G62.5/125	OM1	1	7,4	800	120,0	1,00	150	54,0	**80800**
I-V(ZN)HH	4	Single-mode E9/125	ITU-T G.652d	1	7,4	800	120,0	1,00	150	54,0	**80814**
I-V(ZN)HH	8	Multimode G50/125	OM2	1	9,7	2400	150,0	1,50	150	95,0	**80688**
I-V(ZN)HH	8	Multimode G62.5/125	OM1	1	9,7	2400	150,0	1,50	150	95,0	**80801**
I-V(ZN)HH	8	Single-mode E9/125	ITU-T G.652d	1	9,7	2400	150,0	1,50	150	95,0	**80816**
I-V(ZN)HH	12	Multimode G50/125	OM2	1	12,2	3000	190,0	1,85	150	144,0	**80795**
I-V(ZN)HH	12	Multimode G62.5/125	OM1	1	12,2	3000	190,0	1,85	150	144,0	**80803**
I-V(ZN)HH	12	Single-mode E9/125	ITU-T G.652d	1	12,2	3000	190,0	1,85	150	144,0	**80818**
I-V(ZN)HH	24	Multimode G50/125	OM2	1	14,3	4000	220,0	3,20	150	197,0	**80798**
I-V(ZN)HH	24	Multimode G62.5/125	OM1	1	14,3	4000	220,0	3,20	150	197,0	**80806**
I-V(ZN)HH	24	Single-mode E9/125	ITU-T G.652d	1	14,3	4000	220,0	3,20	150	197,0	**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 be 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.