

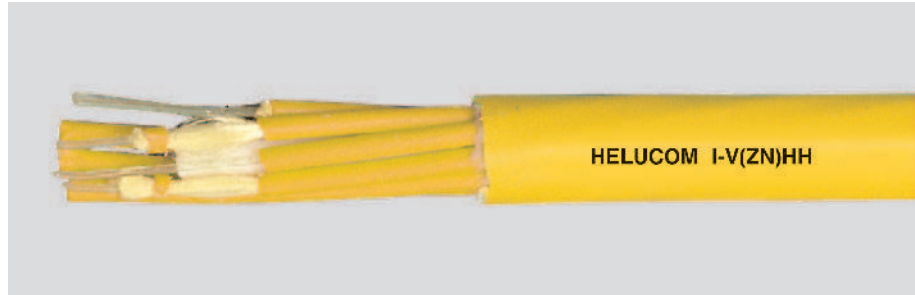
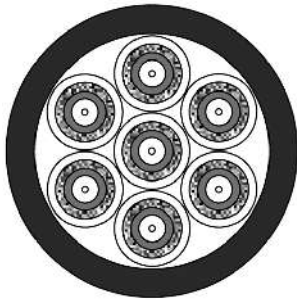
Fibre Optic Breakout-Cable

acc. DIN VDE 0888

HELUCOM®

RoHS

I-V(ZN)HH



Cable structure

Core type: Tight buffer
GRP support element
Strain relief elements: Aramide
Outer sheath material: FRNC
Outer sheath colour: Yellow

Temperature range

Laying, min: -5°C
Laying, max: +50°C
Operating, min: -20°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 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-V(ZN)HH	2	Multimode G50/125	1	7,5	400	120,0	1,20	100	40,0	80743
I-V(ZN)HH	2	Multimode G62.5/125	1	7,5	400	120,0	1,20	100	40,0	80799
I-V(ZN)HH	2	Single-mode E9/125	1	7,5	400	120,0	1,20	100	40,0	80813
I-V(ZN)HH	4	Multimode G50/125	1	7,5	800	120,0	1,40	100	45,0	80753
I-V(ZN)HH	4	Multimode G62.5/125	1	7,5	800	120,0	1,40	100	45,0	80800
I-V(ZN)HH	4	Single-mode E9/125	1	7,5	800	120,0	1,40	100	45,0	80814
I-V(ZN)HH	6	Multimode G50/125	1	9,0	1200	140,0	1,70	100	70,0	80754
I-V(ZN)HH	6	Multimode G62.5/125	1	9,0	1200	140,0	1,70	100	70,0	80769
I-V(ZN)HH	6	Single-mode E9/125	1	9,0	1200	140,0	1,70	100	70,0	80815
I-V(ZN)HH	8	Multimode G50/125	1	11,0	1600	170,0	2,05	100	100,0	80688
I-V(ZN)HH	8	Multimode G62.5/125	1	11,0	1600	170,0	2,05	100	100,0	80801
I-V(ZN)HH	8	Single-mode E9/125	1	11,0	1600	170,0	2,05	100	100,0	80816
I-V(ZN)HH	12	Multimode G50/125	1	14,5	2400	220,0	2,20	150	165,0	80795
I-V(ZN)HH	12	Multimode G62.5/125	1	14,5	2400	220,0	2,20	150	165,0	80803
I-V(ZN)HH	12	Single-mode E9/125	1	14,5	2400	220,0	2,20	150	165,0	80818
I-V(ZN)HH	16	Multimode G50/125	1	15,0	2400	230,0	2,40	150	170,0	80796
I-V(ZN)HH	16	Multimode G62.5/125	1	15,0	2400	230,0	2,40	150	170,0	80804
I-V(ZN)HH	16	Single-mode E9/125	1	15,0	2400	230,0	2,40	150	170,0	80819
I-V(ZN)HH	24	Multimode G50/125	1	17,5	2400	270,0	3,20	150	220,0	80798
I-V(ZN)HH	24	Multimode G62.5/125	1	17,5	2400	270,0	3,20	150	220,0	80806
I-V(ZN)HH	24	Single-mode E9/125	1	17,5	2400	270,0	3,20	150	220,0	80821

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 being 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.