

Fibre Optic Breakout Cable PROFIBUS

+ PROFinet

outdoor/ direct burial

HELUCOM®

AT-V(ZN)H(ZN)BH



Cable structure

Core type: Composite buffered
GRP support element
Strain relief elements: Aramide
Inner sheath material: ULSZH
Type of armouring: Glass yarns
Outer sheath material: FRNC
Outer sheath colour: Black

Temperature range

Laying, min.: -20°C
Laying, max.: +60°C
Operating, min.: -40°C
Operating, max.: +70°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
Longitudinally water-tight acc. to IEC 60794-1-2-F5
UV-resistant
Resistant to hammer impact acc. to IEC 60794-1-2-E4
Oil-resistant

Designation	Number of fibres	Fibre type	Fibre category	Outer Ø app. mm	Max. tensile force N	Min. stat. bending radius mm	Max. transverse pressure N / cm	Caloric load app. MJ / m	Weight kg / km	Part no.
AT-V(ZN)H(ZN)BH	4	Single-mode E9/125	ITU-T G.652	9,0	1000	90	600	1,50	85	805687

Dimensions and specifications may be changed without prior notice.

Application

The HELUCOM® range is set apart by its rugged design. It is used wherever demanding environmental conditions while fixed installations occur. The tight buffer structure enables the cable to be pre-assembled on site with ease. Applications are for example tray installation or building installation within industry areas. This series can be used within PROFIBUS and PROFinet communications.