

# AT-W(ZN)H(ZN)H, AT-W(ZN)Y(ZN)11Y, AT-WQ(ZN)H(ZN)B2Y

## Технические характеристики

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Ярославль (4852)69-52-93

# Fibre Optic Breakout Cable PROFIBUS

## + PROFINet

fixed installation

HELUCOM®

AT-W(ZN)H(ZN)H



### Cable structure

Core type: Buffered-fibre  
GRP support element  
Strain relief elements: Aramide  
Outer sheath material: FRNC  
Outer sheath colour: Green similar to RAL 6018

### Temperature range

Laying, min.: -5°C  
Laying, max.: +50°C  
Operating, min.: -40°C  
Operating, max.: +85°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  
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-W(ZN)H(ZN)H	2	Multimode G50/125	OM2	9,2	1200	90	500	1,34	80	<b>805689</b>
AT-W(ZN)H(ZN)H	2	Multimode G50/125	OM4	9,2	1200	90	500	1,34	80	<b>805691</b>

Dimensions and specifications may be changed without prior notice.

### Application

The HELUCOM® range is set apart by its extreme rugged rodent protected 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 Installation in backbones (805691) or in trays within industry areas (805689).

# Fibre Optic Breakout Cable PROFIBUS + PROFINet

Drag Chain

**HELUCOM**<sup>®</sup>  
AT-W(ZN)Y(ZN)11Y



## Cable structure

Core type: Composite buffered  
GRP support element  
Strain relief elements: Aramide  
Outer sheath material: PUR  
Outer sheath colour: Green similar to RAL 6018

## Temperature range

Laying, min.: -5°C  
Laying, max.: +50°C  
Operating, min.: -40°C  
Operating, max.: +80°C

## Other data

UV-resistant  
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-W(ZN)Y(ZN)11Y	2	Multimode G50/125	OM2	10,5	1000	150	700	2,50	100	<b>805690</b>

Dimensions and specifications may be changed without prior notice.

## Application

The HELUCOM<sup>®</sup> range is set apart by its rugged and high flexible design. It is used wherever demanding environmental conditions while moving applications occur. The tight buffer structure enables the cable to be pre-assembled on site with ease. Applications are for example drag chains. This serie can be used within PROFIBUS and PROFINet communications.

# Fibre Optic Breakout Cable PROFIBUS

## + PROFINet

direct burial

**HELUCOM**<sup>®</sup>

AT-WQ(ZN)H(ZN)B2Y



### Cable structure

Core type: Buffered-fibre  
GRP support element  
Strain relief elements: Aramide  
Type of armouring: Glass yarns  
Outer sheath material: PE  
Outer sheath colour: Black

### Temperature range

Laying, min.: -5°C  
Laying, max.: +50°C  
Operating, min.: -40°C  
Operating, max.: +85°C

### Other data

Halogen-free acc. to 60754-2  
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-WQ(ZN)H(ZN)B2Y	2	Multimode G50/125	OM2	10,5	1200	105	500	3,30	90	<b>805692</b>

Dimensions and specifications may be changed without prior notice.

### Application

The HELUCOM<sup>®</sup> range is set apart by its extreme rugged rodent protected 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 direct burial or tray installation out of industry areas. This series can be used for PROFIBUS and PROFINet communications.

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