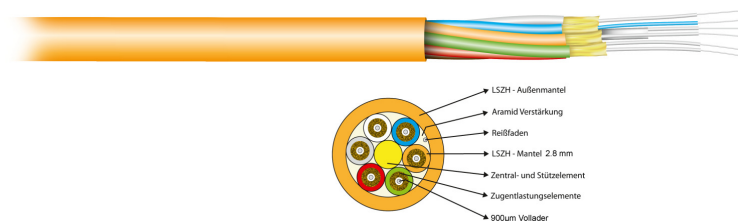


# DATASHEET

## I-V(ZN)HH Breakout OM4 2G (2x1) Eca 600N LSZH erica violet 2.8mm



### General data

Indoor application  
 Installation in shafts, underfloor area  
 Secondary cabling (vertical): riser area (backbone)  
 Tertiary cabling (horizontal): working area, fiber-to-the-desk FTTD  
 Trunk cable, patch- and adapter cable  
 Indoor cable  
 Non-metallic, halogenfree, gel free  
 Suitable for connector assembly  
 Operation: -20°C ~ 60°C  
 Installation: -5°C ~ 50°C

### Technical properties

|                             |                           |
|-----------------------------|---------------------------|
| Application                 | Inside                    |
| Armouring                   | False                     |
| Blow in                     | False                     |
| Cable metal free            | True                      |
| Cable silicone free         | True                      |
| Circuit integrity           | False                     |
| Colour outer sheath         | aqua                      |
| Crush resistance            | 300 N/dm                  |
| Fiber Colours               | white                     |
| Fiber marking               | Colour                    |
| Fibre category              | OM4                       |
| Fibre type                  | Multi mode 50/125         |
| Flame retardant             | According to EN 60332-1-2 |
| Halogen free                | acc. to EN 60754-1/2      |
| Harmonised Standard         | EN 50575                  |
| IL max. (dB/km) 1300nm      | 0.8 dB/km                 |
| IL max. (dB/km) 850nm       | 2.7 dB/km                 |
| Longitudinal water blocking | False                     |
| Low smoke                   | True                      |

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## I-V(ZN)HH Breakout OM4 2G (2x1) Eca 600N LSZH erica violet 2.8mm

|                                   |                 |
|-----------------------------------|-----------------|
| Low smoke (acc. EN 61034-2)       | True            |
| Material outer sheath             | LSZH            |
| Oil resistant                     | no              |
| Oil resistant (acc. EN 60811-2-1) | False           |
| Radial water blocking             | False           |
| Resistant to chemicals            | False           |
| Scope of delivery                 | 1x Cable1x Drum |
| Temperature Range (Installation)  | -5 - 50 °C      |
| Temperature Range (Operation)     | -40 - 80 °C     |
| Temperature Range (Storage)       | -25 - 70 °C     |
| Type of tube                      | Tight           |
| UV resistant                      | Nein            |
| With rodent protection            | False           |
| With strain relief                | True            |

### Available variants

| ArtNr.     | Bezeichnung                                                      | CPR-Class | Cable Ø      | Category of fibres | Number of fibres | Tensile force max. | Number of fibres per tube | Construct | Suitable for underground installation | Outer diameter approx. | Fire load | Minimum bending radius (dynamic) | VDE-Name            | Weight   | Minimum bending radius (static) |
|------------|------------------------------------------------------------------|-----------|--------------|--------------------|------------------|--------------------|---------------------------|-----------|---------------------------------------|------------------------|-----------|----------------------------------|---------------------|----------|---------------------------------|
| 55002.1OM4 | I-V(ZN)HH Breakout OM4 2G (2x1) Eca 600N LSZH erica violet 2.8mm | Eca       | 3.9 x 6.8 mm | OM4                | 2                | 600 N              | 1                         | (2x1)     | False                                 | 3.9x6.8 mm             | 0.83 MJ/m | 15xOD mm                         | I-V(ZN)HH 2G 50/125 | 28 kg/km | 10xOD mm                        |
| 55004.1OM4 | I-V(ZN)HH Breakout OM4 4G (4x1) 800N LSZH turquoise 2.8mm        | Eca       | 8.3 mm       | OM4                | 4                | 800 N              | 1                         | (4x1)     | False                                 | 8.5 mm                 | 1.15 MJ/m | 15xOD mm                         | I-V(ZN)HH 4G 50/125 | 45 kg/km | 10xOD mm                        |
| 55008.1OM4 | I-V(ZN)HH Breakout OM4 8G (8x1) 1000N LSZH turquoise 2,1mm       | Eca       | 9.4 mm       | OM4                | 8                | 1000 N             | 1                         | (8x1)     | False                                 | 12.1 mm                | 1.28 MJ/m | 15xOD mm                         | I-V(ZN)HH 8G 50/125 | 85 kg/km | 10xOD mm                        |

### Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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