



HITRONIC® HMDC Micro Cable for pipe systems, cable with reduced outer diameter; A-D(ZN)B2Y with 4 up to 12 single-mode fibres

- A-D(ZN)2Y
- Micro special cable designed for installation by air-blowing systems (Micro Ducts)



## Product description

### Application range

- FTTH applications
- House connection
- Telecommunications network
- For installations by blowing
- Methods of deployment: for blowing or pulling into micro ducts

### Benefits

- Suitable for blowing into micro-ducts
- Cable construction successfully tested up to 1250m blowing length
- Very compact dimensions  
(between 2mm to 2.5mm diameter)
- Zero electromagnetic interference as the cable contains no metal (totally dielectric)

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## Product Make-up

- Central mini subunit with up to 12 fibres
- Standard with single-mode fibre type G.657.A1 (low macrobending sensitive fibre)
- Aramid yarns as strain relief
- PE outer sheath
- Colour: black (RAL 9005)

## Product features

- Colour-coded fibres
- High reduced dimensions  
(cable diameter ? 2.5mm)
- Halogen-free, low-friction outer sheath
- UV-resistant

## Technical Data

Fibre type	Single-mode
Standard designation	ITU-T G657.A1
Optical fibre type	A-D(ZN)2Y
Temperature range	Core material: glass Cladding material: glass Fixed installation: -40°C to +80°C During installation: -10°C to +50°C
Permissible bending radius	? 25 x outer diameter
Permissible tensile force	Installation: 200N