

Micro A-DQ(ZN)2Y 1xn G.657.A1 n = 4 ... 24

mUD10 1/2

Outdoor cable with central loose tube for building connections,
optimised for blowing into micro-ducts with an inner diameter of: 6 mm

Design



- Optical fibres in a gel-filled central loose tube
- Water swellable and strain bearing elements
- Ripcord
- Outer sheath, black HDPE

Optical fibres

Singlemode fibre: ITU-T G.657.A1

Product description

- Cable for outdoor applications, blown into microducts
- Up to 24 colour-coded optical fibres inside a gel-filled central tube
- Water swellable and strain bearing elements
- A ripcord for easy sheath removal
- Outer sheath made of polyethylene, UV- and weather-resistant

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Characteristics

Micro A-DQ(ZN)2Y	
Fibre count	4 ... 24
Tube count	1
Fibre diameter (µm)	250
Cable diameter (mm)	3.7
Weight (kg/km)	8
Maximum tensile force (N)	300
Crush resistance (N/dm)	500
Minimum bending radius	20 x cable diameter
Temperature range	
- Storage, transport (°C)	- 40 bis + 70
- Installation (°C)	- 5 bis + 60
- Operation (°C)	- 20 bis + 70
Compliance	IEC 60793 / 60794; ITU-T; VDE 0888
Microduct-Ø, interior (mm)	≥ 6

All dimensions and weights are nominal values

Cable marking

Per metre:

<Metre marking> Mikro A-DQ(ZN)2Y 1x<fibre count> <fibre type> RHENANIA <cable ID>   
<optional customer designation>

Fibre colour code

1 RD	2 GN	3 BU	4 YE	5 WH	6 GY	7 BN	8 VT	9 TQ	10 BK	11 OG	12 PK
13 RD	14 GN	15 BU	16 YE	17 WH	18 GY	19 BN	20 VT	21 TQ	22 NT	23 OG	24 PK

Tube colour code

1 YE

Modification of properties, colour codes and cable marking on request