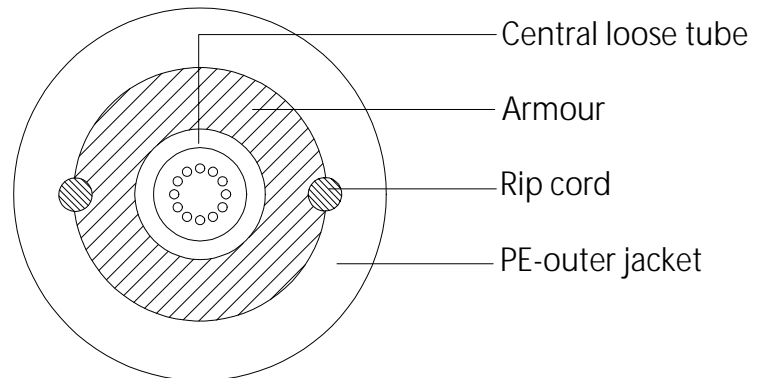


LEONI Part No.: **84321####**

## A-DQ(ZN)B2Y n ... 2500

### Profile view:



### Design:

#### Cable core

- Gel-filled loose tube, diameter 3.5 mm with 2-12 optical fibres and diameter 4.0 mm with 14-24 optical fibres  
Tube colour: yellow (E9/125), green (G50/125), blue (G62.5/125)
- Fibre colours (1-12): red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink  
(13-24) red, green, blue, yellow, white, grey, brown, violet, turquoise, transparent, orange, pink (with black ring-marking)

#### Armour

- Multifunctional glass yarns as strain relief element and non-metallic rodent protection

#### Outer jacket

- Polyethylene (PE) with approx. 1.7 mm wall, colour: black
- Outer diameter see table below
- Two diametrically opposite ripcords
- Inkjet-marking white:  
LEONI A-DQ(ZN)B2Y n  *fibre type* (alternating current symbol twice), (order no.), (reel no.), (sequential length in metres)

### Application/Installation:

- Outdoor cable with a non-metallic armour and for enhanced tensile load
- For fixed installation outdoors in cable ducts, , conduits and on cable racks or underground laying
- Mechanical installation by winch is permitted only when using force meters with recording function

### Transmission characteristics:

- Transmission characteristics see separate fibre data-sheet

LEONI Part No.: **84321####**

**Mechanical characteristics:**

- Min. bending radius
  - static 15 x outside diameter
  - dynamic 20 x outside diameter
- Max. pull force 2500 N
- Max. crush resistance long term 3000 N/dm

**Thermal characteristics:**

- Transport and storage - 25 °C to + 70 °C
- Installation - 5 °C to + 50 °C
- In use - 20 °C to + 60 °C

**Fire performance:**

- Cable is halogen-free
- No corrosive and toxic fumes

**Chemical characteristics:**

- Good resistance to oil, petrol, acid and leach

**Standardisation:**

- IEC 60794-3

**Notes:**

- Packaging  
Disposable drums or coils

Fibres max.	Outer diam. mm	Weight kg/km	Fire load MJ/m
12	9.2	85	1.4
24	9.7	95	1.6

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