

## UDG10

DIN: A-DQ(ZN)B2Y

## UDG10<sup>Plus</sup>

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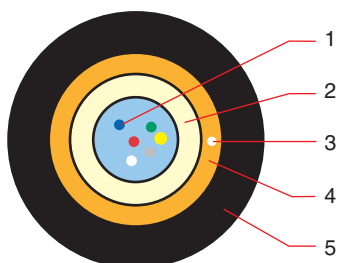
1/2



### Unitube, non-metallic armour outdoor fibre optic cable

#### Applications

Outdoor fibre optic cable for ducts and trays applications



#### Design

1. optical fibres
2. central tube, jelly filled
3. ripcord (optional)
4. glass yarns armouring
5. PE outer sheath

#### Product description

The colour-coded optical fibres are located in a central loose tube filled with a thixotropic gel. The glass tensile strength elements provide the cable with excellent mechanical strength characteristics and non-metallic armouring. The black PE outer sheath perfectly suits outdoor applications. The cable is longitudinally water-tight.



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## Technical data

	<b>UDG10</b> <b>(A-DQ(ZN)B2Y)</b>	<b>UDG10<sup>Plus</sup></b> <b>(A-DQ(ZN)B2Y<sup>Plus</sup>)</b>
Fibre count (*)	4, 6, 8, 12	4, 6, 8, 12, 24
Central tube diameter (mm)	2,8	3,5
Cable diameter (approx.) (mm)	7	9
Outer sheath thickness (mm)	1,2	1,5
Linear weight (approx.) (kg per km)	40	60
Max. tensile strength (**)		
- short term (installation) (N)	1.500	3.000
- long term (operation) (N)	1.000	2.000
Crush resistance (N/10cm)	1.500	2.000
Bending radius (minimum)		
- under load	15 x cable diameter	
- without load	10 x cable diameter	
Temperature range		
- storage (°C)	- 30 to + 70	
- installation (°C)	- 5 to + 50	
- operation (°C)	- 20 to + 70	
Calorific potential (MJ)	1	1,5
Tested according to	IEC 60794-1	

(\*) other fibre counts are available on request  
 (\*\*) higher tensile strength is available on request

## Marking

“EUPEN + fibre count/fibre type + meter marking”

**Standard manufacturing length:**  
8.000 m, +/- 2%