

UD100

1/2

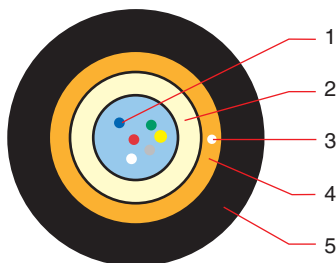
DIN: A-DQ(ZN)2Y



Unitube 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. tensile strength elements
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.

The black PE outer sheath perfectly suits outdoor applications.

The cable is longitudinally water-tight.



UD100

Technical data

UD100 (A-DQ(ZN)2Y)		
Fibre count (*)		4, 6, 8, 12
Central tube diameter	(mm)	2,8
Cable diameter (approx.)	(mm)	6
Outer sheath thickness	(mm)	1,2
Linear weight (approx.)	(kg per km)	30
Max. tensile strength (**)		
- short term (installation)	(N)	800
- long term (operation)	(N)	500
Crush resistance	(N/10cm)	800
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)	0,9
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%