

UDC10

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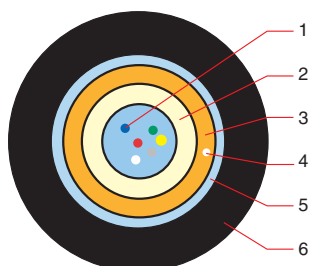
DIN: A-DQ(ZN)(SR)2Y



Unitube, corrugated steel tape armour fibre optic cable

Applications

Outdoor fibre optic cable for direct burial



Design

1. optical fibres
2. central tube (jelly filled)
3. tensile strength elements
4. ripcord (optional)
5. corrugated steel tape
6. 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 steel armour provides the cable with a very efficient rodent protection and an excellent resistance to compression, feature required for direct burial.

The black PE outer sheath perfectly suits outdoor applications.

The cable is longitudinally water-tight.



UDC10

Technical data

UDC10 (A-DQ(ZN)(SR)2Y)		
Fibre count (*)		4, 6, 8, 12, 24
Central tube diameter	(mm)	3,5
Cable diameter (approx.)	(mm)	9,5
Outer sheath thickness	(mm)	1,5
Linear weight	(kg per km)	90
Max. tensile strength		
- short term (installation)	(N)	1600
- long term (operation)	(N)	1000
Crush resistance	(N/10cm)	1.500
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)	0,7
Tested according to		IEC 60794-1

(*) other fibre counts are available on request

Marking

"EUPEN + fibre count/fibre type + meter marking"

Standard manufacturing length:
4.000 m, +/- 2%