

## FKLK 2x1,5 + OPTO

**Design** SS 4240219-2**FKLK 2x1,5 + OPTO****Conductor**

Stranded, annealed copper wires according to IEC60228, class 2

**Micro duct**

Plastic tube with inner diameter 1,7 mm and outer diameter 3 mm

**Insulation**

PVC, dimension and colours according to product list.

**Stranding**

Twisted conductors

**Filling**

PVC

**Secondary conductor**

Annealed copper wires with cross section 1 mm<sup>2</sup>

**Sheath**

Aluminium foil with covered with PVC and an outer sheath of PVC.

**Application**

Integrated power/optic cable especially suitable for new constructions or renovations where both cost effectiveness and a secure optical fibre connection either today or within the foreseeable future is a priority. Works perfectly combined with other products from the fibre to the home range according to the Ribbonet™ concept.

For permanent installation inside or outside, also in ground, if protected against mechanical damage e.g. in ducts.

## Technical data

### FKLK 2x1,5 + OPTO

#### Design

Nominal conductor cross-section (mm <sup>2</sup> )	1,5
Conductor diameter (mm)	1,6
Nominal screen cross-section (mm <sup>2</sup> )	1,0
Nominal insulation thickness (mm)	0,7
Nominal sheath thickness (mm)	0,8
Outer diameter (mm)	10,5
Weight per 100 meter (kg)	15,5

#### Electrical

Nominal voltage U <sub>0</sub> /U (kV)	450/750
Conductor resistance max, at 20°C (Ω/km)	12,1

#### Mechanical

Minimum bending radius	
at fixed position (mm)	50
at laying (mm)	90
Maximum pulling force	
over outer sheath (N)	274

#### Thermal

Minimum temperature at laying (°C)	-10
Maximum conductor temperature (°C)	70

#### Fire resistance

Fire class	IEC60332-24 cat C
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