

## Simplex cables

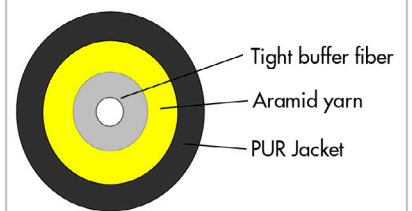
### Application

- For premises wiring
- Indoor
- Internal wiring

### General

This specification covers a  $\varnothing$  3.0 mm single fiber cable with a 1040  $\mu$ m tight buffered fiber.

### Construction



### Shipping information

Recommended Spool Length 2000 m. Other lengths available upon request.

### Construction data

Tight buffer fiber Diameter	1040 $\pm$ 30 $\mu$ m
Core reinforce	Aramid yarn
Outer jacket material	PUR

## Technical Data Physical

Cable diameter (mm)	3.0
Cable weight (kg/km)	6.7
Temperature rating	
Operation	-40°C ~ +80°C
Storage	-40°C ~ +80°C

## Technical Data Mechanical

Max. loading (IEC794-1)	
Installation	300N
Operation	100N
Min bend radius (IEC794-1)	
With load (mm)	20xD
Without load (mm)	10xD
Crush resistance (IEC794-1)	1000N/100 mm

## Technical Data-Transmission

Fiber type	600/630/1040
Attenuation (@850 nm)	≤10 dB/km
Core diameter (μm)	600 ± 6
Cladding diameter (μm)	630 +5/-10
Buffer coating diameter (μm)	1040 ± 30
Cladding/Coating Offset (μm)	≤12
Numerical Aperture	0.37

LC Part Number: 3006364