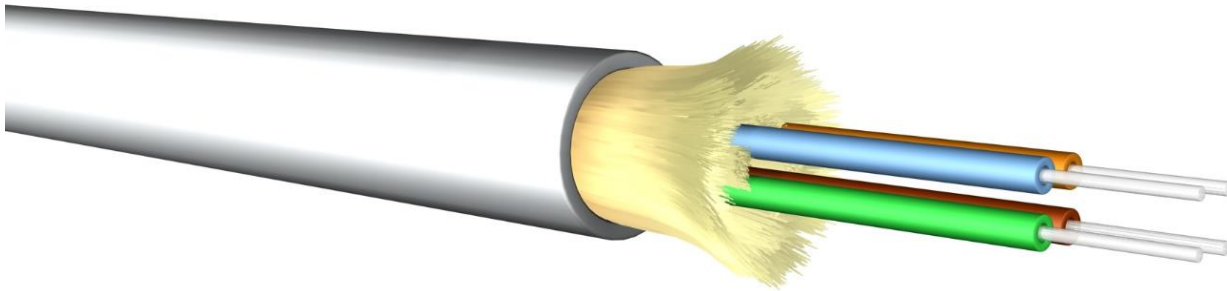


## FTTH Idrop 900

**UC Home FTTH Indoor Drop cable with 2 and 4 BendBright®XS fibres, aramid yarns, FireRes® sheath. DIN/VDE: I-VH**



### Application and Installation

This distribution or mini-break-out cable can be used for many indoor applications.

Typical cable applications include: FTTH, splicing cassettes, central office interconnections, and many other.

The cable features aramid yarns for ease of installation.

It has LS9 semi-tight buffer, with the strippability of  $\geq 50$ cm.

The cable is suited for installation in ducts and on trays.

The cable features an UV stabilised, water and moisture resistant FireRes® sheathing, the cable is thus well suited for shorter outdoor runs.

Available in Reelex packaging to ease the handling and installation process.

### Standards

EN 187 000; IEC 60794-2; IEC 60794-2-20; ISO 11801-1; EN 50 173-1

### Flame Resistance

LSHF-FR (FRNC): IEC 60332-1-2; IEC 60332-3-24; IEC 60754-1; IEC 60754-2; IEC 61034;  
EN 50399: Class D<sub>ca</sub>-s2-d2-a1; Class E<sub>ca</sub>

### Heat of combustion

1, 2 4 fibres	370 MJ/km	0.10 KWh/m
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### Construction

Fibre	2 - 4 semi-tightly LS9 buffered fibres 900 $\mu$ m $\pm$ 50 $\mu$ m.
Fibre/Buffer colour code	1 Red/Red 2 Green/Green 3 Blue/Blue 4 Yellow/Yellow
Peripheral Strength member	Ultra-high modulus aramid yarns
Sheath	1 mm white LSHF-FR fire retardant FireRes®, UV stabilised, EN 50290-2-27
Print legend	UC Home fibre Idrop 900 I-VH LS9 <fibre count> G.657A2 CPR Dca-s2-d2-a1 <Factory code> <Batch Number> <Meter mark>

# FTTH Idrop 900

## Physical properties

IEC 60974-1-21/22

Property	Test method	Value
Permanent tensile strength (operation)	E1	280 N
Maximum installation load (installation)	-	500N
Impact	E4	20 J
Crush (compressive strength)	E3	3000 N/ 100 mm
Torsion	E7	5 cycles $\pm$ 1 turn
Temperature range	F1	Installation -10 °C to 50 °C Operation -10 °C to 50 °C Storage -10 °C to 50 °C

## Mechanical properties

Fibre count	Nominal diameter	Nominal cable weight	Minimum bending radius
2 and 4	4.5 mm	21 kg/km	7.5 mm

## Product codes – ordering information

Product code	DoP Number*	Product description	Fibre count	Fibre type	Fibre data sheet	Packaging**
60066208	1006906	UC Home fibre Idrop 900 I-VH LS9 2 SM7B	2	BendBright XS	C24	Drum
60066209	1006907	UC Home fibre Idrop 900 I-VH LS9 4 SM7B	4	BendBright XS	C24	Drum
60096085	1006907	UC Home fibre Idrop 900 I-VH LS9 4 SM7B 250m	4	BendBright XS	C24	Reelex 250m

\*DoP Numbers are per product code and any DoP number proves CPR approval for the cable. DoP files can be downloaded from the website: [www.prysmiangroup.com/cpr](http://www.prysmiangroup.com/cpr)

\*\*Drum MOQ $\geq$ 2km and Reelex MOQ $\geq$ 5.5km

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