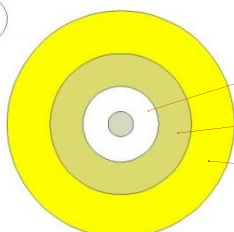


## UCFIBRE® SM Series Simplex, LSZH Sheath Cable



- **Tight Buffer:** Each fiber is buffered with LSZH
- **Strength Member:** Aramid yarn
- **Outer Sheath:** LSZH

### Application

- 900µm/600µm tight buffered fibres designed to support rapid field termination
- Industry standard colour coding for quick, error-free fibre identification
- Available with bend-insensitive single-mode and multimode optical fibres
- Flexible, flame-retardant & colour coded outer jacket
- Supports all high-performance networks including OM4/10G Ethernet systems
- Comply with LSZH

Versatile indoor flame-rated cable providing unsurpassed performance for network patching/configuration. Easily terminate into jumper / pigtail cable assemblies, especial suitable for used in data centre.

### Standards

Telcordia GR-409, RoHS

IEC60332-3-24, IEC60332-1, IEC60754-1/2, IEC61034-2

### Technical data

No. of Fibres		1F				
Tight buffer	mm	0.6 ± 0.05	0.9 ± 0.05	0.9 ± 0.05	0.9 ± 0.05	0.9 ± 0.05
Outer sheath nominal thickness	mm	0.25	0.30	0.35	0.50	0.50
Cable nominal diameter	mm	1.6	1.8	2.0	2.4	3.0
Max installation tension	N	110				
Max operation tension	N	33				
Min. bending radius	mm	Without Tension 10 × Cable-Ø		Under Maximum Tension 20 × Cable-Ø		
Temperature range	°C	Installation -10 -> +60		Transport & Storage -40 -> +70;		Operation -20 -> +70

### Optical Characteristics

See the attached cabled optical fibre data sheet.

## Identification

### Tight Buffer Colour:

No.	1
Colour	white

### Sheath Colour:

Fiber Type	Singlemode	OM1	OM2	OM3	OM4
Colour	Yellow	Orange	Orange	Aqua	Erika Violet

### Sheath Marking:

The outer sheath is inkjet marked in 1 meter intervals as follows:

PRYSMIAN UC FIBRE OPTIC CABLE SIMPLEX LSZH <UC Part Number> <BATCHCODE> <FIBRE QTY x FIBRE TYPE> <FC> <XXXX>M

<UC Part Number>: SM<\*\*\*><MY>

<\*\*\*>: 016–1.6mm, 018–1.8mm, 020–2.0mm, 030–3.0mm, 024–2.4mm

<MY>: Transmission mode i.e. **M1** = OM1 , **M2** = OM2 , **M3** = OM3 , **M4** = OM4 , **SM** = G.652D , **A1** = G.657A1 ,  
**A2** = G.657A2

<FIBRE TYPE> : OM1 / OM2 / OM3 / OM4 / G.652D / G.657A2 / G.657A1

<BATCHCODE> : Factory defined tracking code, e.g. MM/YYYY or WW/YYYY

<FC> : Draka defined factory code

<XXXX> : increasing length marking by 1 meter

## Logistic

### Packing:

Wooden drums with protection.

### Delivery Lengths:

Standard delivery length is 2 km with a tolerance of  $\pm 5\%$ .

## Enquiries

Please contact our local sales office or email to: [mms.asia@prysmiangroup.com](mailto:mms.asia@prysmiangroup.com)

Multimedia Solutions is the data communication portfolio of Prysmian Group and comprises all the necessary portfolio of cable solutions for data communication.

Ask about UC CONNECT for a complete Structured Cabling Solutions with 25 Years System Warranty.

Visit [www.drakauc.com](http://www.drakauc.com) for more information.

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