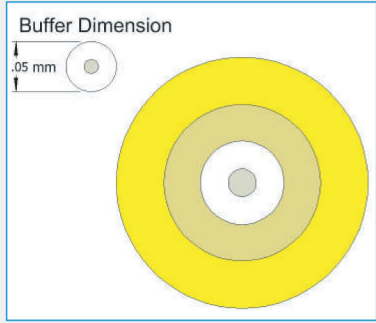


UC^{FIBRE}™ SICM Series

Interconnect 2.0mm, Simplex LSZH+OFNR



Overview

UC^{FIBRE}™ interconnect fibre optical provides the durability and flexibility to all indoor applications, its LSZH properties ensure a safe flame propagation restrictions and is widely used in any interconnect applications.

Additional Options

- Plenum or Riser
- Duplex

Features

- **Tight buffer:** LSZH, 0.85mm semi-tight buffered fiber
- **Peripheral Reinforcement:** Aramid yarn
- **Outer Sheath:** LSZH & OFNR

Main characteristics

Test	Standard	Value	Sanction*
Maximum Tension at installation (short term)	IEC 60794-1-2-E1	140N	$\Delta I/I$ fibre \leq 0.6%, $\Delta \alpha$ reversible
Tension opération max	IEC 60794-1-2-E1	70N	$\Delta I/I$ fibre \leq 0.3%, $\Delta \alpha \leq$ 0.30 dB;
Crush	IEC 60794-1-2-E3	350N / 100mm	$\Delta \alpha \leq$ 0.30 dB(SM); cable integrity

* values for single-mode fibres, all optical measurements performed at 1550 nm

Technical data

No. of Fibres		1		
Design		Simplex		
Buffer Diameter - Ø	mm	0.85 ± 0.05		
Cable Diameter (A x B)	mm	2.0 ± 0.1		
Cable Weight Approx.	kg / km	4		
Min. bending radius		Without Tension 10 × Cable-Ø		Under Maximum Tension 20 × Cable-Ø
Temperature range	°C	Installation -10 -> +60;	Transport. & Storage -40 -> +70 ;	Operation -20 -> +70;
Flame Retardant		LSZH: UL c(UL) OFNR, IEC 60332-1, IEC60332-3-24		

Ordering Information

UC^{FIBRE}™ Simplex Interconnect FO part numbers are made up using the table below.

The part number always starts with the letters SICM to denote that it is a Simplex Interconnect FO Cable with a LSZH sheath. This is followed by 2 numbers which symbolises the cable diameter and then 2 letters to denote the fibre type.

Example of a SICM part number: -

SICM02M3

The above example describes an OM3 (50um), Simplex Interconnect FO Cable (LSZH jacketing), with 2.0mm cable diameter.

SIMPLEX	INTERCONNECT	SHEATH	CABLE DIAMETER	FIBRE TYPE
S	IC	M	02	XX
		LSZH	2.0mm	SM - SINGEMODE, G652D, 9um (yellow sheath) M7 - G657A2, 9um (yellow sheath) M1 - OM1, 62.5um (orange sheath) M2 - OM2, 50um (orange sheath, Bendbright) M3 - OM3, 50um (aqua sheath, Bendbright) M4 - OM4, 50um (aqua sheath, Bendbright)