

# ST® Compatible to SC Duplex Patch cord, 2 fibres, zipcord tight-buffered cable, LSZH, 2.8 mm legs

50 µm Clearcurve® multimode (OM2), 1 m

CORNING

Patch cables are used for non-permanent connections between patch panels, transmission equipment, etc. Pre-assembled cables allow for the implementation of complete "plug & play" solutions. When such a solution is adopted with accurate dimensioning and appropriate cable routing, it is possible to install even large cabling systems rapidly.

## Features and Benefits

### Connectors

- ST® connector according to TIA/EIA-604 -2, SC Duplex connector according to TIA/EIA-604 -3
- All connectors are tested to FOTP -21.
- Connectors are pre-radius polished to provide the optimal end-face geometry for long-term performance.

### Cable

- Low smoke (IEC 61034) and zero-halogen (LSZH), flame retardant to IEC 60332-3-24 (C) and noncorrosive to IEC 60754-2 (FRNC)
- Cables are metal free; hence, there are no ground-loop or potential-equalisation problems.
- Completely dry design (without gel)
- Colour of outer sheath: OM1, OM2 – orange; OM3, OM4 – turquoise; OS2 – yellow

## Standards

**Intermateability** TIA/EIA-604-2 / TIA/EIA-604-3

## Specifications

General Specifications	
Flame Rating	LSZH/FRNC
Cable Assembly Type	Two Fibre
Fibre Category	50 µm MM (OM2)



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## Temperature Range

Operation	-20 °C to 60 °C
Installation and assembly	-5 °C to 50 °C
Storage	-25 °C to 70 °C

## Design - Connector

Connector Type	ST® Compatible
Ferrule	Ceramic
Polishing	UPC
Housing material	Composite
Housing Colour	Nickel
Boot Type	individual
Boot Colour	Black
Keyed (security)	No

## Mechanical Specifications - Connector

Durability	≤ 0.2 dB 1000 rematings, FOTP-21
Tensile strength jacketed cable	44 N

## Optical Specifications - Connector A

Insertion Loss, Typical	0.35 dB
Insertion loss, max.	0.5 dB

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## Design - Connector B

Connector Type 2	SC duplex
Ferrule	Ceramic
Polishing	UPC
Housing material	Composite
Housing Colour	Black
Boot Type	individual
Boot Colour	black / white
Keyed (security)	No

## Mechanical Specifications - Connector B

Durability	≤ 0.2 dB 1000 rematings, FOTP-21
Tensile strength jacketed cable	44 N

## Optical Specifications - Connector B

Insertion Loss, Typical	0.35 dB
Insertion loss, max.	0.5 dB

## Cable Design

Fibre Count	2
Outer diameter	2.8 mm 5.7 mm
Outer jacket colour	Orange
Outer jacket material	LSZH/FRNC
Minimum bend radius	14 mm
Crush Resistance	1000 N/10cm
Tensile strength	400 N

## Chemical characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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## Ordering Information

Order Number	505702B5Z31001M
Product description	ST® Compatible to SC patch cord on 2-fiber Zipcord cable, with 2.8 mm legs, and a low-smoke, zero-halogen sheath. Length is variable.
Length	1 m
Weight	0.024 kg

## Shipping Information

Units per Delivery	1/1
Packing type	Cardboard box
Packing dimensions (L x W x H)	380 mm x 250 mm x 180 mm

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