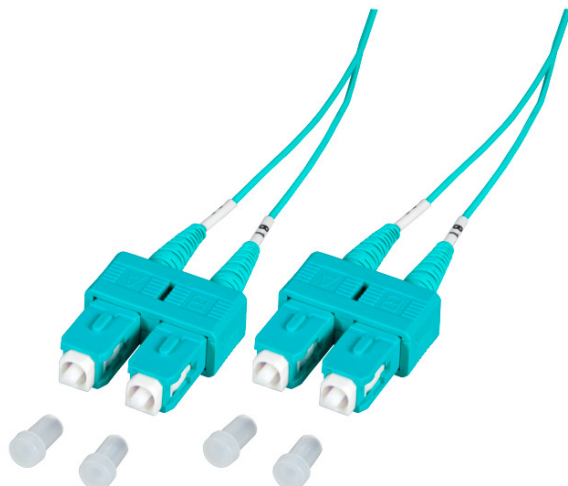


# DATASHEET

## Duplex Jumper SC-SC 50/125 $\mu$ , OM3, 1.2mm



### Description

The 1.2 mm Duplex Jumper are characterized due to the small outer diameter. This is an advantage for the installers when they have limited space for cable management. The small outer diameter is also useful in projects with high density areas.

### Characteristics

Space-saving installation due to the small outer diameter  
 Halogen free and flame retardant according to IEC-60754-2, IEC-60332-1 and IEC-61034  
 Connector in colour of category (OM3 is aqua)  
 EFB fiber connectors meet the quality class Grade A/1 for Multimode according to IEC-61753-122-2 (Draft)  
 pre-coded  
 100% tested and with individuell measuring protocol

### General data

Fibre type	Multimode 50/125
Category	OM3
Bend optimized fiber	OM3 acc. to IEC60793-2-10 type A1a.2 and A1a.3
Number of fibres	2
Anti-kink sleeve	put-on
Type of connector connection 1	SC-Duplex
Connector colour 1	aqua
Type of connector connection 2	SC-Duplex
Connector colour 2	aqua

### Mechanical characteristics

Min. Bending radius (Static)	10xOD
Min. Bending radius (Dynamic)	20xOD

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# DATASHEET

## Duplex Jumper SC-SC 50/125 $\mu$ , OM3, 1.2mm

### Cable construction

Cable type	I-V(ZN) H
Cable Construction	Duplex
Cable $\emptyset$	1.2 mm

### Cable sheath

Colour outer sheath	aqua
Jacket Material	LSZH
Flame retardant	According to EN 50265-2-1
Halogen free	acc. IEC60754-1

### Environmental conditions

Operating Temperature	-20 – 75 °C
Storage Temperature	-20 – 85 °C

### Transmission characteristics

Insertion loss 850nm	<0,25 dB
Quality class multimode	A/1 according to IEC-61753-222-2

### Standards, approvals, certifications

Cabling standard	ISO/IEC 11801;EN-50173-1
Connector Conform to Standard	IEC 61754-4
Cable Conform to Standard	IEC 60793-2

### Available variants

Article no.	Title	Length
O7413.0,5-1.2	Duplex Jumper SC-SC 50/125 $\mu$ , OM3, LSZH, aqua, 1.2mm, 0.5m	0.5 m
O7413.1-1.2	Duplex Jumper SC-SC 50/125 $\mu$ , OM3, LSZH, aqua, 1.2mm, 1m	1.0 m
O7413.2-1.2	Duplex Jumper SC-SC 50/125 $\mu$ , OM3, LSZH, aqua, 1.2mm, 2m	2.0 m
O7413.3-1.2	Duplex Jumper SC-SC 50/125 $\mu$ , OM3, LSZH, aqua, 1.2mm, 3m	3.0 m
O7413.5-1.2	Duplex Jumper SC-SC 50/125 $\mu$ , OM3, LSZH, aqua, 1.2mm, 5m	5.0 m
O7413.10-1.2	Duplex Jumper SC-SC 50/125 $\mu$ , OM3, LSZH, aqua, 1.2mm, 10m	10.0 m

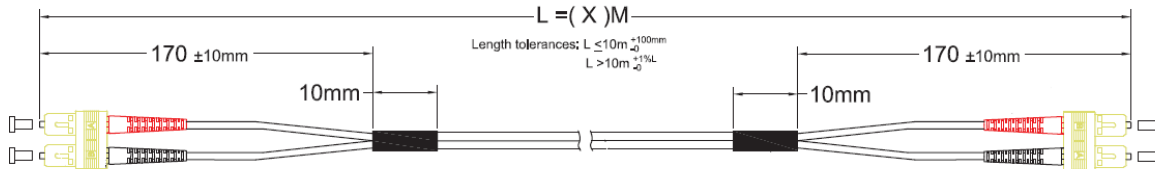
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# DATASHEET

## Duplex Jumper SC-SC 50/125 $\mu$ , OM3, 1.2mm

### Technical drawings



OM-Klassifikation ISO/IEC 11801		OM1	OM2	OM3	OM4	OM5
Min. modale Bandbreite mit vollständiger Anregung aller Kernmoden [MHz*km]	850 nm	200	500	1500	3500	4700
	1300 nm	500	500	500	500	2470
Min. modale Bandbreite (effektive) Laser-Bandbreite [MHz*km]	850 nm	n/s	n/s	2000	4700	n/s
	1300 nm	1.5	1.5	1.5	1.5	1,5
Dämpfung [dB/km]	850 nm	3.5	3.5	3.5	3.5	3,5
	1300 nm					

### accessory

39962.2	Reel Cleaner(new Version)
39926.1	Miller® Fiber Cleaning Tapes

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