

DATASHEET

Duplex Jumper SC-SC 50/125 μ , OM4, 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 (OM4 is erica-violet)
 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	OM4
Bend optimized fiber	OM4 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	erica-violet
Type of connector connection 2	SC-Duplex
Connector colour 2	erica-violet

Mechanical characteristics

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

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Cable construction

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

Cable sheath

Colour outer sheath	erica-violet
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
O0318.0,5-1.2	Duplex Jumper SC-SC 50/125 μ , OM4, LSZH, erica violet, 1.2mm, 0.5m	0.5 m
O0318.1-1.2	Duplex Jumper SC-SC 50/125 μ , OM4, LSZH, erica violet, 1.2mm, 1m	1.0 m
O0318.2-1.2	Duplex Jumper SC-SC 50/125 μ , OM4, LSZH, erica violet, 1.2mm, 2m	2.0 m
O0318.3-1.2	Duplex Jumper SC-SC 50/125 μ , OM4, LSZH, erica violet, 1.2mm, 3m	3.0 m
O0318.5-1.2	Duplex Jumper SC-SC 50/125 μ , OM4, LSZH, erica violet, 1.2mm, 5m	5.0 m
O0318.10-1.2	Duplex Jumper SC-SC 50/125 μ , OM4, LSZH, erica violet, 1.2mm, 10m	10.0 m

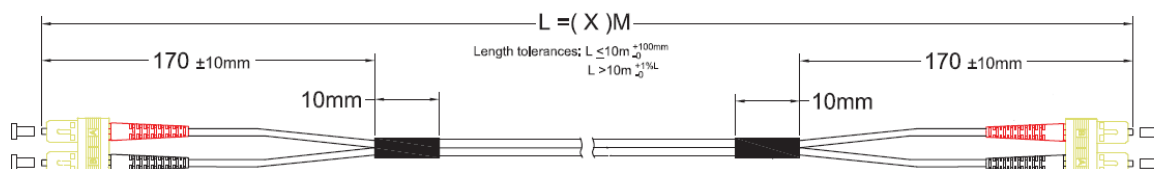
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Technical drawings



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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