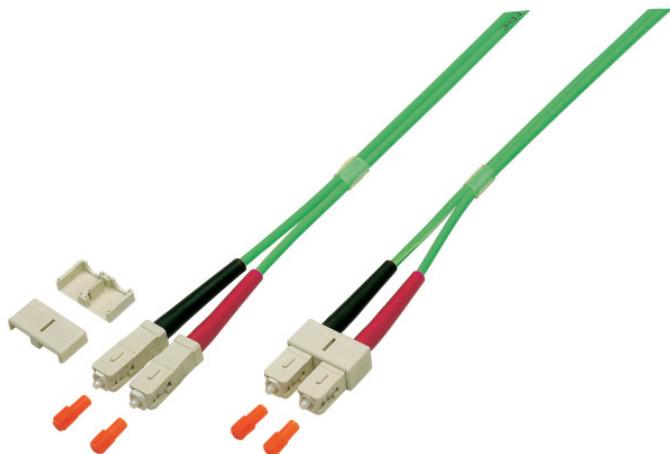


DATASHEET

Duplex Jumper SC-SC 50/125 μ , OM5, 3.0mm



Description

Fiber jumper are well defined components in international standard of structured cabling ISO/IEC11801. Due to many different network protocols created in the last 25 years, also a wide range of connectors had been developed. Some of them are still important today: LC, SC, E2000®, MPO/MTP.

Fiber jumper(patchcord) are defined as shortest connection between passive interface and active deviceport, regarding structured cabling standard. Rating of performance, known as category, as well as performance of total transmission channel, known as link class, Similar descriptions for patchcords: Connection cable, drop cable, adapter cable, interconnecting cord, Jumper

General data

Fibre type	Multimode 50/125
Category	OM5
Bend optimized fiber	OM5 acc. to IEC60793-2-10 type A1a.4
Number of fibres	2
Anti-kink sleeve	put-on
Type of connector connection 1	SC-Duplex
Connector colour 1	beige
Type of connector connection 2	SC-Duplex
Connector colour 2	beige

Mechanical characteristics

Max. Tension	160 N
Min. Bending radius (Static)	10xOD
Min. Bending radius (Dynamic)	20xOD

Cable construction

Cable type	I-V(ZN) H
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DATASHEET

Duplex Jumper SC-SC 50/125 μ , OM5, 3.0mm

Cable construction

Cable Construction	Duplex
Cable \varnothing	3.0 mm

Cable sheath

Colour outer sheath	lime green
Jacket Material	LSZH
Flame retardant	According to EN 50265-2-1
Halogen free	acc. IEC60754-1
Low smoke	acc. IEC61034-1

Environmental conditions

Operating Temperature	-20 – 70 °C
Storage Temperature	-20 – 85 °C

Transmission characteristics

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

Standards, approvals, certifications

Connector Conform to Standard	IEC 61754-4
Cable Conform to Standard	IEC 60793-2

Available variants

Article no.	Title	Length
O0318.0,5OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 0.5m	0.5 m
O0318.1OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 1m	1.0 m
O0318.2OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 2m	2.0 m
O0318.3OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 3m	3.0 m
O0318.5OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 5m	5.0 m
O0318.7,5OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 7.5m	7.5 m
O0318.10OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 10m	10.0 m
O0318.15OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 15m	15.0 m
O0318.20OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 20m	20.0 m
O0318.25OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 25m	25.0 m
O0318.30OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 30m	30.0 m
O0318.35OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 35m	35.0 m
O0318.40OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 40m	40.0 m
O0318.45OM5	Duplex Jumper SC-SC 50/125 μ , OM5, LSZH, lime green, 3.0mm, 45m	45.0 m

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DATASHEET

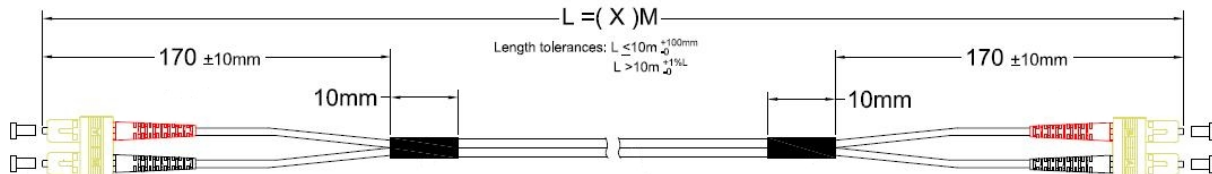
Duplex Jumper SC-SC 50/125μ, OM5, 3.0mm

O0318.50OM5

Duplex Jumper SC-SC 50/125μ, OM5, LSZH, lime green, 3.0mm, 50m

50.0 m

Technical drawings



OM-Classification ISO/IEC 11801		OM1	OM2	OM3	OM4	OM5
Min. modal bandwidth with overfilled launch [MHz*km]	850 nm	200	500	1500	3500	4700
	1300 nm	500	500	500	500	2470
Min. modal bandwidth EMB (effective laser bandwidth) [MHz*km]	850 nm	n/s	n/s	2000	4700	n/s
	1300 nm	1.5	1.5	1.5	1.5	1,5
Attenuation[dB/km]	1300 nm	1.5	1.5	1.5	1.5	1,5
	850 nm	3.5	3.5	3.5	3.5	3,5

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