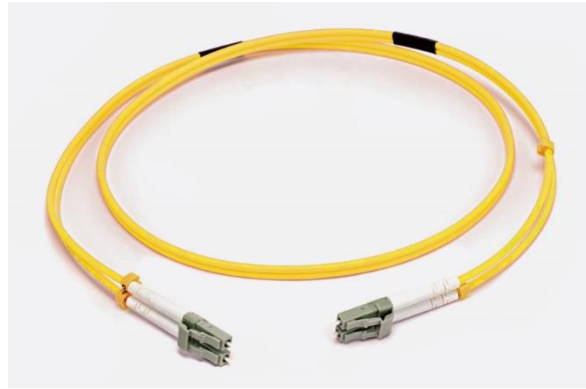


LC-LC SM DUPLEX OS2 9/125 Fibre patch cable, yellow



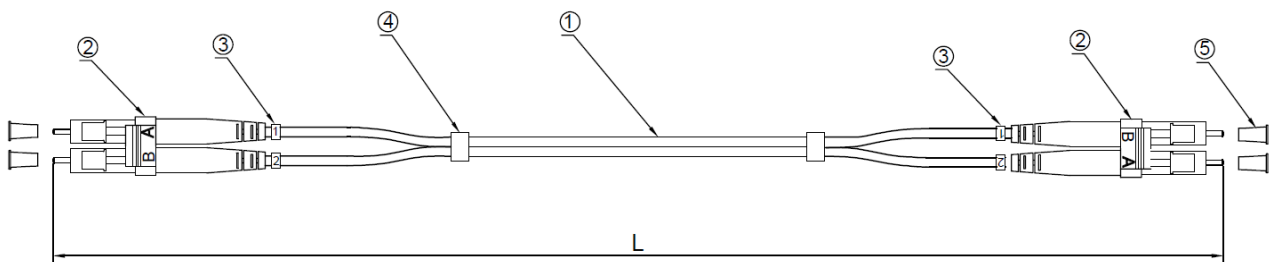
- 46-4410 LC-LC SM DUPLEX OS2 9/125 Fibre patch cable 0.5m, yellow
- 46-4405 LC-LC SM DUPLEX OS2 9/125 Fibre patch cable 1.0m, yellow
- 46-4407 LC-LC SM DUPLEX OS2 9/125 Fibre patch cable 2.0m, yellow
- 46-4409 LC-LC SM DUPLEX OS2 9/125 Fibre patch cable 3.0m, yellow
- 46-4406 LC-LC SM DUPLEX OS2 9/125 Fibre patch cable 10m, yellow
- 46-4408 LC-LC SM DUPLEX OS2 9/125 Fibre patch cable 20m, yellow

Singlemode duplex patchcords terminated with LC connectors with 9µm cores. Assembled using tight-tolerance ceramic ferrules and 2.8mm 'zip' cable, and are supplied with individual certified test results.

Suitable for simple point to point links within racks or systems, or as patch cables. The jacket is a yellow low fire hazard (LFH/LSOH) halogen free polymer suitable for building installation and is fully compatible with all standard cable management accessories.

The more popular standard lengths are listed with other standard lengths and pre-terminated multi-fibre installation cables being available to special order. APC ferrules, colours, custom lengths or single fibres may also be available to special order.

Please contact Sales in the first instance with your requirements and they will be pleased to offer technical assistance and pricing.



- 1 3mm Duplex SM 9/125 LSZH Optical Fibre Cable, (Yellow)
- 2 MM Duplex Connector
- 3 Cable ID (1 or 2)
- 4 Shrinkage Tube
- 5 Dust Cover

Cable Specifications:

Items		Unit	Specification
			G.652D
Mode Field Diameter	1310nm	μm	9.1 ± 0.4
	1550nm	μm	10.4 ± 0.5
Cladding Diameter		μm	125 ± 1
Cladding Non-Circularity		%	≤1
Core-Cladding Concentricity Error		μm	≤0.6
Coating Diameter		μm	245 ± 7
Coating Non-Circularity		%	≤6.0
Cladding-Coating Concentricity Error		μm	≤12.0
Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
Attenuation (max.)	1310nm	dB/km	≤0.34
	1550nm	dB/km	≤0.2
Macro-Bending Loss	1 turn × 10mm radius @1550nm	dB	/
	1 turn × 10 mm radius @1625nm	dB	/
	1 turn × 7.5mm radius @1550nm	dB	/
	1 turn × 7.5mm radius @1625nm	dB	/

Cable Parameters:

Items		Specification
Fiber Count		2
Jacket	Dimension	(2.9 ± 0.1) × (5.9 ± 0.2)mm
	Material	LSZH
	Colour	Yellow

Mechanical and Environmental:

Items	Unit	Specification
Tension (Long Term)	N	160
Tension (Short Term)	N	300
Crush (Long Term)	N/10cm	200
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	60
Min. Bend Radius (Static)	mm	30
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-20 ~ +60