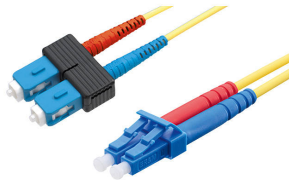


## Product information

Patch Cord SC-Duplex PC, blue - LC-Duplex PC, blue/blue, G.652.D, D/3, F8 2.0x4.1mm, 3 m

R317504  
1 pcs



Fitted with one SC-Duplex PC and one LC-Duplex PC connector.  
Connector color SC-Duplex: blue.  
Connector color LC-Duplex: blue.  
Lever color LC-Duplex: blue.  
Fiber: SM E9/125 G.652.D (OS1, OS2).  
Cable: F8 2.0x4.1 mm, yellow.

090.6750 / similar product

### Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Protection class IP	IP 20
Connector class	connector
Protection class IP (A)	IP 20
Number of connectors (A)	1
Protection class IP (B)	IP 20
Number of connectors (B)	1
Cable type	patch cord
Jacket material	LSZH
Cable jacket characteristics	Cable, metal-free Zero-halogen Flame-retardant
Cable overall diameter	F8 2.0 x 4.1 mm ( $\pm 0.15$ )
Connector type (A)	SC-Duplex
Polishing plug (A)	PC
Attenuation grade IL (A)	D
Return loss grade RL (A)	3
Connector color (A)	blue
Connector type (B)	LC-Duplex
Polishing plug (B)	PC
Attenuation grade IL (B)	D
Return loss grade RL (B)	3
Connector color (B)	blue
Lever- / frame-coding (B)	Color
Lever color (B)	blue

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Fiber type	singlemode (SM)
Fiber class	G.652.D (OS1, OS2)
Conductor type	tight buffer
Fiber diameter	E9 / 125 µm
Patch cord type	duplex figure 8

## Mechanical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Cable length	3 m
Color	yellow

Patch cord with LSZH jacket, F8 2.0x4.1 mm, yellow, singlemode G652.D 9/125 µm (OS1, OS2), length 3.

Mounted on one side with SC-Duplex connector in acc. with IEC 61754-4. Zirconia (ceramic) ferrule with a PC polished endface geometry, connector tuned in accordance with IEC 61755-3-1 and qualified in acc. with IEC 61753-1 for category U (uncontrolled environment). Blue connector housing (singlemode), material PBT / UL 94 V-0, black duplex clip, 1 x blue and 1 x red strain relief, material TPE / UL 94 V-0 and plastic dust cover.

Optical specifications (random mated):

Performance acc. to IEC 61753-1 (Table A.12):

- Insertion loss (IL) Grade D for 97% of the tested specimen:  $\leq 1.00$  dB / typical  $\leq 0.50$  dB
- Return loss (RL) Grade 3:  $\geq 35$  dB (typical  $\geq 45$  dB)

Mechanical specifications:

- Mating cycles: delta IL  $< 0.2$  dB after 500 mating cycles
- Pull-out force patch cord:  $\geq 100$  N (per connector)

and one side with LC-Duplex connector in acc. with IEC 61754-20. Zirconia (ceramic) ferrule with a PC polished endface geometry, connector tuned in accordance with IEC 61755-3-1 and qualified in acc. with IEC 61753-1 for category U (uncontrolled environment). Blue connector housing (singlemode), blue duplex clip, material PC / UL 94 V-0, 1 x blue and 1 x red strain relief, material TPE / UL 94 V-0 and white plastic dust cover.

Optical specifications (random mated):

Performance acc. to IEC 61753-1 (Table A.12):

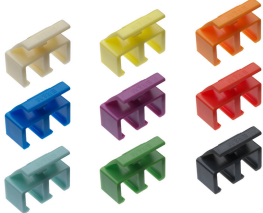

- Insertion loss (IL) Grade D for 97% of the tested specimen:  $\leq 1.00$  dB / typical  $\leq 0.50$  dB
- Return loss (RL) Grade 3:  $\geq 35$  dB

Mechanical specifications:

- Mating cycles: delta IL  $< 0.2$  dB after 500 mating cycles
- Pull-out force patch cord:  $\geq 100$  N (per connector)

	Description	PU	Product No.
	Boot 90° R30	12 pcs	R505756
	Color Clip LC-Duplex Connector, green	12 pcs	R508098

	Description	PU	Product No.
	Color Clip LC-Duplex Connector, blue	12 pcs	R508104
	Color Clip LC-Duplex Connector, turquoise	12 pcs	R508100
	Color Clip LC-Duplex Connector, orange	12 pcs	R508097
	Color Clip LC-Duplex Connector, beige	12 pcs	R508105
	Color Clip LC-Duplex Connector, red	12 pcs	R508103
	Color Clip LC-Duplex Connector, yellow	12 pcs	R508102
	Color Clip LC-Duplex Connector, violet	12 pcs	R508101

	Description	PU	Product No.
	Color Clip LC-Duplex Connector, black	12 pcs	R508099
	Plug Guard LC-Duplex Connector	12 pcs	R508116