Product information

Patch Cord SC-Duplex PC, blue - LC-Duplex PC, blue/blue, G.652.D, D/3, F8 2.0x4.1mm, 2 m

R317473
1 Pcs.
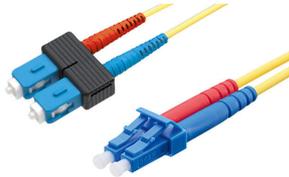
Fitted with one SC-Duplex PC and one LC-Duplex PC connector.
Connector color SC-Duplex: blue.
Connector color LC-Duplex: blue.
Lever color LC-Duplex: blue.
Fiber: SM E9/125 G.652.D (OS1, OS2).
Cable: F8 2.0x4.1 mm, yellow.

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 (±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	2 m
Color	yellow

Patch cord with LSZH jacket, F8 2.0x4.1 mm, yellow, singlemode G652.D 9/125 µm (OS1, OS2), length 2.

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: ≤ 1.00 dB / typical ≤ 0.50 dB
- Return loss (RL) Grade 3: ≥ 35 dB (typical ≥ 45 dB)
Mechanical specifications:
- Mating cycles: delta IL < 0.2 dB after 500 mating cycles
- Pull-out force patch cord: ≥ 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: ≤ 1.00 dB / typical ≤ 0.50 dB
- Return loss (RL) Grade 3: ≥ 35 dB
Mechanical specifications:
- Mating cycles: delta IL < 0.2 dB after 500 mating cycles
- Pull-out force patch cord: ≥ 100 N (per connector)

	Description	PU	Product No.
	With the subsequent mountable 90° boot existing or new networks can be updated. The 90° boot garanties an optimised fiber guidance (R>30 mm), even by load caused by the cable. An uncontrolled fiber bending and resulting attenuation or even broken fiber can be avoided in no time.	12 Pcs.	R505756
	Color clip for LC-Duplex connector.	12 Pcs.	R508098
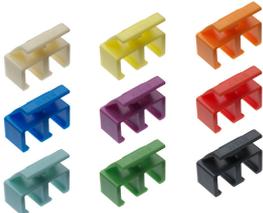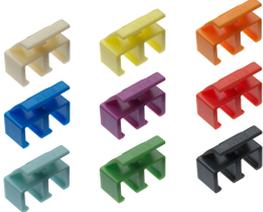
	Description	PU	Product No.
	Color clip for LC-Duplex connector.	12 Pcs.	R508104
	Color clip for LC-Duplex connector.	12 Pcs.	R508100
	Color clip for LC-Duplex connector.	12 Pcs.	R508097
	Color clip for LC-Duplex connector.	12 Pcs.	R508105
	Color clip for LC-Duplex connector.	12 Pcs.	R508103
	Color clip for LC-Duplex connector.	12 Pcs.	R508102
	Color clip for LC-Duplex connector.	12 Pcs.	R508101
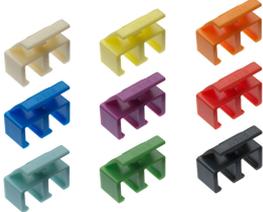
	Description	PU	Product No.
	Color clip for LC-Duplex connector.	12 Pcs.	R508099
	Plug Guard for LC-Duplex connector.	12 Pcs.	R508116