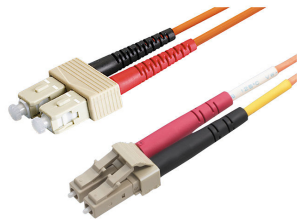


Product information

Patch Cord SC-Duplex PC, beige - LC-Duplex PC, beige/orange, OM2, Bm/3, F8 2.0x4.1mm, 2 m

R308947
101962062
1 Pcs.



Fitted with one SC-Duplex PC and one LC-Duplex PC connector.
Connector color SC-Duplex: beige.
Connector color LC-Duplex: beige.
Lever color LC-duplex: orange.
Fiber: MM G50/125 (OM2).
Cable: F8 2.0x4.1 mm, orange.

090.3052 / 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
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)	Bm
Return loss grade RL (A)	3
Connector color (A)	beige
Connector type (B)	LC-Duplex
Polishing plug (B)	PC
Attenuation grade IL (B)	Bm
Return loss grade RL (B)	3
Connector color (B)	beige
Lever- / frame-coding (B)	Color
Lever color (B)	orange
Fiber type	multimode (MM)

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Fiber class	OM2
Conductor type	tight buffer
Fiber diameter	G50 / 125 µm
Patch cord type	duplex figure 8

Mechanical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Cable length	2 m
Color	orange

Patch cord with LSZH jacket, F8 2.0x4.1 mm, orange, multimode G50 50/125 µm (OM2), 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 qualified in acc. with IEC 61753-1 for category U (uncontrolled environment). Beige connector housing (multimode), material PBT / UL 94 V-0, beige duplex clip, 1 x black and 1 x red strain relief, material TPE / UL 94 V-0 and plastic dust cover.

Optical specifications (random mated):

Performance:

- Insertion loss (IL) Grade Bm for 100% of the tested specimen: ≤ 0.50 dB / typical ≤ 0.15 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)

and one side with LC-Duplex connector in acc. with IEC 61754-20. Zirconia (ceramic) ferrule with a PC polished endface geometry, connector qualified in acc. with IEC 61753-1 for category U (uncontrolled environment).

Beige connector housing (multimode), orange duplex clip, material PC / UL 94 V-0, 1 x black and 1 x red strain relief, material TPE / UL 94 V-0 and white plastic dust cover.


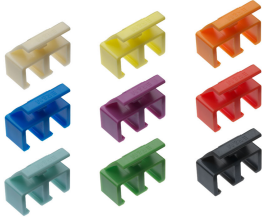
Optical specifications (random mated):

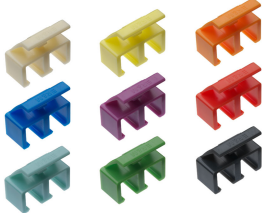
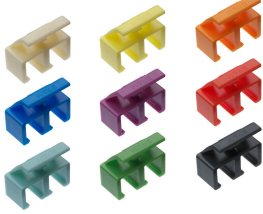



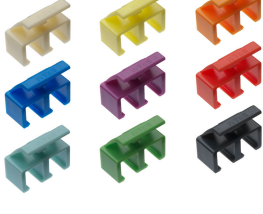

Performance:

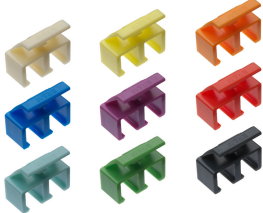

- Insertion loss (IL) Grade Bm for 100% of the tested specimen: ≤ 0.50 dB / typical ≤ 0.15 dB
- Return loss (RL) Grade 3: ≥ 35 dB

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 guarantees 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