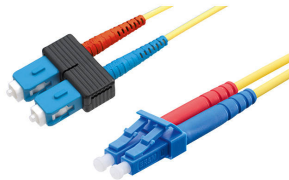


## Product information

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

R308913  
101958912  
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<br>Zero-halogen<br>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)     | C                                                    |
| Return loss grade RL (A)     | 2                                                    |
| Connector color (A)          | blue                                                 |
| Connector type (B)           | LC-Duplex                                            |
| Polishing plug (B)           | PC                                                   |
| Attenuation grade IL (B)     | C                                                    |
| Return loss grade RL (B)     | 2                                                    |
| 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 C for 97% of the tested specimen: ≤ 0.50 dB / typical ≤ 0.25 dB
- Return loss (RL) Grade 2: ≥ 45 dB (typical ≥ 55 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.

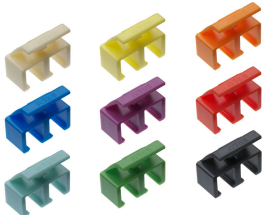
Optical specifications (random mated):

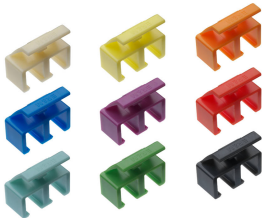
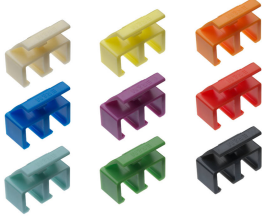
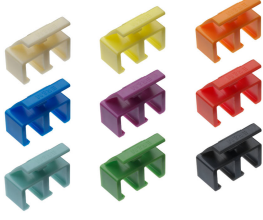
Performance acc. to IEC 61753-1 (Table A.12):

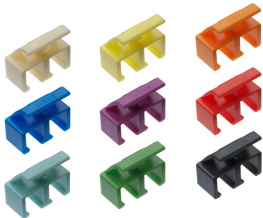
- Insertion loss (IL) Grade C for 97% of the tested specimen: ≤ 0.50 dB / typical ≤ 0.25 dB
- Return loss (RL) Grade 2: ≥ 45 dB

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. |
|-------------------------------------------------------------------------------------|---------------------------------------|--------|-------------|
|  | 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     |