

## Product information

Patch Cord SC-Duplex PC - SC-Duplex PC, beige, OM3, Bm/3, F8 2.7x5.5mm, 2 m

R323044  
101963002  
1 Pcs.



Both sides fitted with SC-Duplex PC connector.  
Connector color: beige.  
Fiber: MM G50/125 (OM3), bend-optimized.  
Cable: F8 2.7x5.5 mm, turquoise.

090.5027 / 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 2.7 x 5.5 mm ( $\pm 0.15$ )
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)	SC-Duplex
Polishing plug (B)	PC
Attenuation grade IL (B)	Bm
Return loss grade RL (B)	3
Connector color (B)	beige
Fiber type	multimode (MM)
Fiber class	OM3

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
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	turquoise/aqua

Patch cord with LSZH jacket, F8 2.7x5.5 mm, turquoise (aqua), multimode G50 50/125 µm (OM3), bend-optimized, length 2.

Mounted on both sides with SC-Duplex connectors in acc. with IEC 61754-4. Zirconia (ceramic) ferrule with a PC polished endface geometry, connectors qualified in acc. with IEC 61753-1 for category U (uncontrolled environment). Beige connector housing (multimode), material PBT / UL 94 V-0, black 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:  $\leq 0.50$  dB / typical  $\leq 0.15$  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.
	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