

## Product information

Patch Cord SC-Duplex PC - SC-Duplex PC, beige, OM4,  
Bm/3, F8 2.7x5.5mm, 1 m

R802541  
1 pcs



Both sides fitted with SC-Duplex PC connector.  
Connector color: beige.  
Fiber: MM G50/125 (OM4), bend-optimized.  
Cable: F8 2.7x5.5 mm, heather violet.

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 (±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	OM4

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	1.0 m / 3 ft 3 in
Color	heather violet

Patch cord with LSZH jacket, F8 2.7x5.5 mm, heather violet, multimode G50 50/125 µm (OM4), bend-optimized, length 1.


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: ≤ 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.
	Boot 90° R30	12 pcs	R505756