

## Product information

Pigtail SC PC, beige, OM3 turquoise, Am/2, 2.5 m

R812514  
12 Pcs.



Locking type latched push-pull. Injection-molded PBT housing, UL 94 V-0 (flammability index).

- Semi-tight buffer Ø 0.9 mm one side fitted with SC connector

090.7290 / similar product

### Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	SC connector acc. to IEC 61754-4
Protection class IP (A)	IP 20
Number of connectors (A)	1
Cable type	pigtail
Jacket material	LSZH
Cable jacket characteristics	Cable, metal-free Zero-halogen
Cable overall diameter	Ø 0.9 mm
Connector type (A)	SC
Polishing plug (A)	PC
Attenuation grade IL (A)	Am
Return loss grade RL (A)	2
Connector color (A)	beige
Fiber type	multimode (MM)
Fiber class	OM3
Conductor type	semi-tight buffer, dry
Fiber diameter	G50 / 125 µm

### Mechanical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Cable length	2.5 m
Color	turquoise/aqua

Pigtail with semi-tight buffer PA/PBT, Ø 0.9 mm, turquoise, multimode G50 50/125 µm (OM3), length 2.5 m. Fitted with one SC 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, black 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:  $\leq 0.25$  dB / typical  $\leq 0.10$  dB
- Return loss (RL) Grade 2:  $\geq 45$  dB

Mechanical specifications:

- Mating cycles: delta IL  $< 0.2$  dB after 500 mating cycles
- Pull-out force fiber pigtail:  $\geq 5$  N