

## Product information

Pigtail LC PC, blue, G.652.D yellow, D/2, 2.5 m

R803545  
12 Pcs.



Compact design (SFF). 1.25 mm ferrule technology. Locking type latched push-pull.

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

090.6517 / similar product

### Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	LC connector acc. to IEC 61754-20
Connector class	connector
Protection class IP (A)	IP 20
Number of connectors (A)	1
Cable type	pigtail
Cable jacket characteristics	Cable, metal-free Zero-halogen
Cable overall diameter	Ø 0.9 mm
Connector type (A)	LC
Polishing plug (A)	PC
Attenuation grade IL (A)	D
Return loss grade RL (A)	2
Connector color (A)	blue
Fiber type	singlemode (SM)
Fiber class	G.652.D (OS1, OS2)
Conductor type	semi-tight buffer, dry
Fiber diameter	E9 / 125 µm

### Mechanical Data

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

Pigtail with semi-tight buffer PA/PBT, Ø 0.9 mm, yellow, singlemode G652.D 9/125 µm (OS1, OS2), length 2.5 m. Fitted with one LC connector in acc. with IEC 61754-20. Zirconia (ceramic) ferrule with a PC polished endface geometry, connectors 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 PEI / UL 94 V-0, blue

strain relief and white plastic dust cover.

Optical specifications (random mated):

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

- Insertion loss (IL) Grade D for 97% of the tested specimen:  $\leq 1.00$  dB / typical  $\leq 0.50$  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