

Pigtail LC APC, green, G.657 yellow, C/1, 2.5 m

**DESCRIPTION**

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

090.6516

SCOPE OF SUPPLY

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

TENDER

- Pigtail with semi-tight buffer PA/PBT, Ø 0.9 mm, yellow, singlemode acc. to G.657.A1, A2 and B2 plus OS1 and OS2 (backward compatible to G.652.A - D), 9/125 µm, length 2.5 m. Fitted with one LC connector in acc. with IEC 61754-20. Zirconia (ceramic) ferrule with an angled polish APC 8° endface geometry, connectors tuned in accordance with IEC 61755-3-2 and qualified in acc. with IEC 61753-1 for category U (uncontrolled environment). Green connector housing (singlemode), material PEI / UL 94 V-0, green strain relief 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 1: ≥ 60 dB
- Mechanical specifications:
- Mating cycles: delta IL < 0.2 dB after 500 mating cycles
- Pull-out force fiber pigtail: ≥ 5 N

TECHNICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Conductor type FO	dry semi-tight buffer, strippability > 1.5m
Fiber type	Singlemode (SM)
Fiber class	G.657.A1 (covers G.652.D, OS1, OS2)
Fiber diameter	n.a.
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)	LC
Connector color (A)	green
Polishing plug (A)	APC 8°

Protection class IP (A)	IP 20
Return loss grade RL (A)	1
Attenuation grade IL (A)	C
Connector class	connector
Standard	LC connector acc. to IEC 61754-20

MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Color	yellow
Cable Length	2.5 m / 8 ft 2 in