

Type:	FO Pigtails	
PN:	G-xx	
Date:	09.09.2021	At
Modification:		Rev. 1.0

FO Pigtails GOLD



DESCRIPTION:

- fiber optic cable with 0.9/1.8/2.8 mm diameter one-side terminated with connector
- single- and multi-mode optical fiber
- LSOH cable jacket
- wide range of available connectors: SC/LC/E2000/FC/ST with PC or APC polishing type
- length tailored to the customer's needs
- pigtails terminated on 0.9mm buffer cable available as sets or individually packed

TECHNICAL SPECIFICATION

Parameter	SM APC	SM PC	MM PC
Max. insertion loss IL_{max} acc. to IEC 61300-3-4	≤ 0.20 dB	≤ 0.20 dB	≤ 0.20 dB
Typical insertion loss IL_{typ} acc. to IEC 61300-3-4	≤ 0.16 dB	≤ 0.15 dB	≤ 0.12 dB
Return loss RL acc. to IEC 61300-3-6	≥ 65 dB	≥ 55 dB	≥ 35 dB
Operating temperature	-25 + 70 [°C]		
Durability	1000 mating cycles, $\Delta IL_{500cycles} \leq 0.2$ dB		

CONSTRUCTION:



TOTAL LENGTH $L_{-0}^{+10} cm$

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Connectivity solutions

Standard lengths:

Pigtail length [m]	Standardization step [m]
0.5	-
1 – 5	0.5
>5	1

PACKAGING:

Fiber optic pigtails packed as standard in a sealed or string bag with a product label. Available in sets (6 or 12 pigtails in a bag) or individually packed.

ORDERING INFORMATION:

G-AAA-XX-S-BBB.B-CC-D-EE-F Ordering syntax for separately packed pigtails

AAA – connector type: SC, SCA, LC, LCA, FC, FCA, E2, E2A, ST

BBB.B – length 1-100m

CC – cable construction: P9 – BFR 0.9mm, PS – simplex pigtail (cable Ø1.8mm, Ø2.8mm), PD – duplex pigtail (Ø1.8mm, Ø2.8mm)

D – fiber type; A – G652D, B – G655, D- G657A1, E – G657A2, H – OM1, I – OM2, K – OM3, L – OM4, M – OM5

EE – cable diameter: 09 -900µm, 18 - 1.8mm, 28 - 2.8mm

F – cable jacket color: Y – yellow, OR – orange, AQ – aqua, V – violet maganeta

G-SET12-AAA-XX-S-BBB.B-CC-D-EE-F Ordering syntax for pigtails set

SET12 – set of 12 pigtails

AAA – connector type: SC, SCA, LC, LCA, FC, FCA, E2, E2A, ST

BBB.B – length 1-100m

CC – cable construction: P9 – BFR 0.9mm,

D – fiber type; A – G652D, B – G655, D- G657A1, E – G657A2, H – OM1, I – OM2, K – OM3, L – OM4, M – OM5

EE – cable diameter: 09 -900µm, 18 - 1.8mm, 28 - 2.8mm

F – cable jacket color: Y – yellow, OR – orange, AQ – aqua, V – violet maganeta, 12 – pigtails with cable jacket in 12 colors (available with fiber type G652D; G657A1; OM2)

Example:

G-LCA-XX-S-002.0-P9-D-09-Y Fibrain pigtail LC APC SM 09/125 G657A1 yellow 2m

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