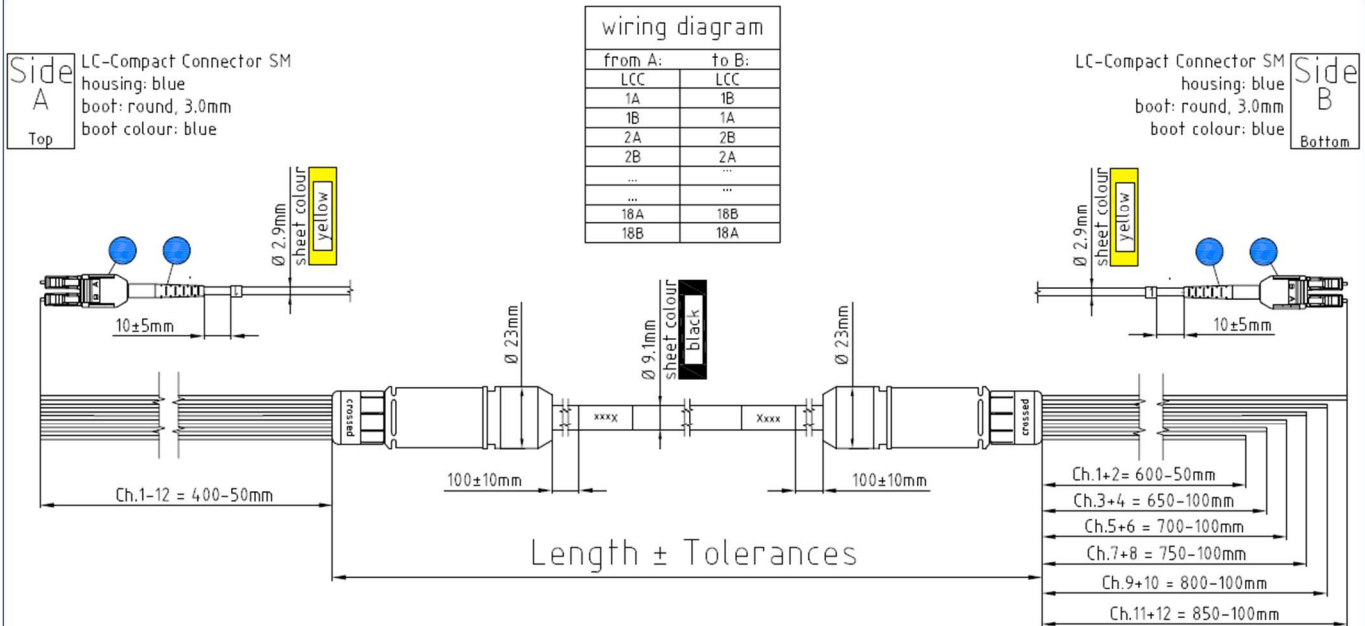


PreCONNECT® - 24FO Box
 FTTA Fiber Trunk
 LCC – 24F9µG657 - LCC

L98B-A0988-XXX



All dimensions are in mm; tolerances according to ISO 2768 m-H

Description

FTTA fiber trunks are fiber optical cable assemblies, connecting base stations and remote radio heads in telecommunication applications. The cable can be used indoor and outdoor and they are LSZH and UV protected. Very high fire resistance is proofed according to CPR class B2ca. Furthermore it comes with pulling socks on both ends that eases cable hoisting.

Available Variants

Type	Length (mm)
L98B-A0988-20000	20000
L98B-A0988-30000	30000
L98B-A0988-50000	50000
L98B-A0988-75000	75000
L98B-A0988-100000	100000
L98B-A0988-150000	150000
L98B-A0988-200000	200000

Length (m)	Tolerances (mm)
L ≤ 10	+/- 500
10 < L ≤ 30	+/- 1000
30 < L ≤ 100	+/- 1500
L > 100	+/- 2%

Cable assemblies in additional length variants are available.

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Parts

Connector top	12 x LC-Compact Duplex, single mode
Connector bottom	12 x LC-Compact Duplex, single mode
Cable	LSZH-Xtreme B2ca s1a-d1-a1
Fiber marking	Identification on single fan-out

Optical data

Cable	24 Fibers 9/125 µm single mode optical fiber according to ITU-T
Fiber	G657A and G.652D
Cable attenuation	≤0.35 dB / km λ = 1310 nm ≤0.25 dB / km λ = 1550 nm
Connectors	LC-Compact Duplex
Insertion loss	Typ. 0.20 dB Max. 0.50 dB
Return loss	Typ. 55 dB (UPC)

Mechanical data

Cable diameter, jacket	9.1 mm
Minimum bending radius cable	
Installation	136.5 mm
Operation	91 mm
Max. tensile strength cable	
Installation	1800 N
Crush resistance	1000 N
Minimum bending radius single fan out	
Single	30 mm
Repeated	30 mm
Max. tensile strength	100 N

Environmental data

Temperature range operation	-10°C to +60°C
Temperature range storage	-20°C to +60°C
Temperature range installation	-10°C to +50°C
RoHS/REACH	Compliant

Packing

Standard:	
Length < 80 m	5 pce in cardboard box
80 m ≥ 300 m	1 pce on cardboard drum (Ø ext. 500 mm)

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
S.Gleich	22/06/11	J. Gramsamer	25/06/21	400	22-0006	S.Gleich	10/05/22

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