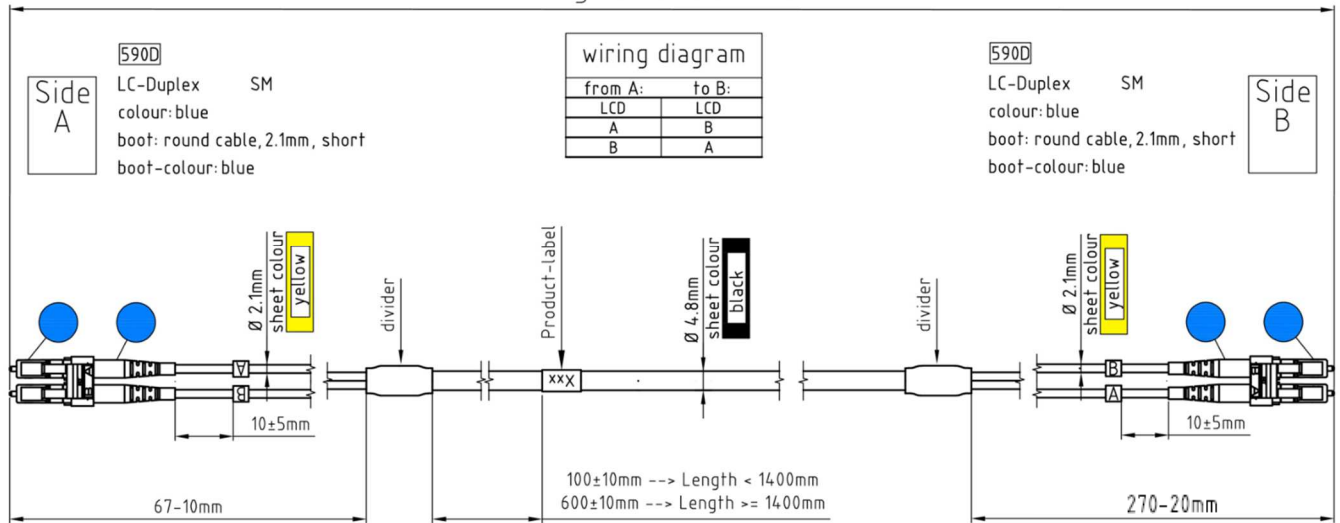


Length ±tolerances



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

Description

These fiber optic cable assemblies connect base stations and remote radio heads in telecommunication applications. They can be used indoor and outdoor, are UV protected and LSZH rated. The cable meets CPR class B2ca. Both ends use flexible fanout which is perfect for any box installation. The connector on both ends is LC Duplex SM.

Available Variants

Type	Length (mm)
L98B-A1115-2000	2000
L98B-A1115-3000	3000
L98B-A1115-5000	5000
L98B-A1115-7000	7000
L98B-A1115-10000	10000

Length (m)	Tolerances (mm)
L ≤ 10	+100/-50
10 < L ≤ 30	+200/-100
L > 30	+/-1%

Cable assemblies in additional length variants are available.

Parts

Connectors LC-Duplex, single mode
Cable LSZH; CPR B2ca – s1b, d0, a1

Optical data

Cable 2 Fibers 9/125 μm single mode optical fiber according to ITU-T
Fiber G657A2
Cable attenuation ≤0.40 dB / km λ = 1310 nm
≤0.25 dB / km λ = 1550 nm
Connector B LC-Duplex
Insertion loss max. 0.30 dB
Return loss typ. 50 dB (UPC)

Mechanical data cable

Cable diameter, jacket 4.8 mm
Minimum bending radius cable
Installation 20 mm
Operation 20 mm
Max. tensile strength cable
Installation 400 N
Permanent 300 N
Crush resistance 3000 N / 100 mm (IEC 60794-1-2 clause 7.3)
Minimum bending radius break-out element
Single 20 mm
Repeated 20 mm
Max. tensile strength (short term) 400 N
Max. tensile strength (long term) 300 N

Environmental data cable

Temperature range operation -40 °C to +70 °C
Temperature range storage -40 °C to +70 °C
Temperature range installation -20 °C to +60 °C
RoHS compliant

Packing

Standard:
Length < 30 m 1 pce in bag
Length ≥ 30 m 1 pce in box

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	29/09/22	S.Gramsamer	29/09/22	100	22-0004	S. Gleich	29/09/22

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