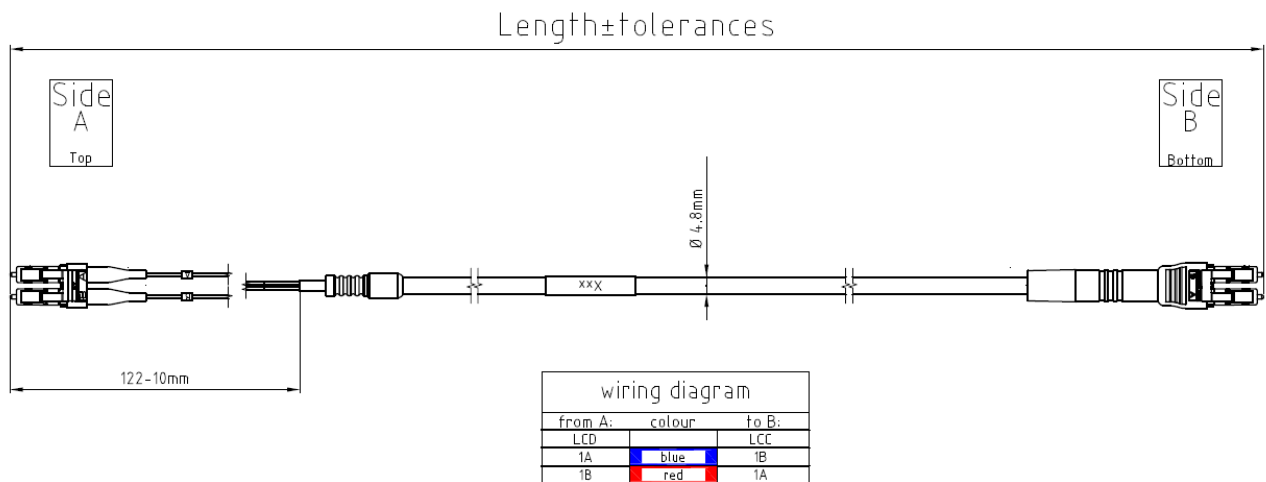




All dimensions are in mm; tolerances according to ISO 2768 m-H

Description

This fiber optic cable assemblies connect remote radio heads in telecommunication applications. The divider on A side is molded, to perfectly fit into the RRU(e.g. RRU2203). The LC connector on B side uses an molded boot which is perfect for solid straight connections and ensures easy handling. The assembly can be used indoor and outdoor. The cable is flame retardant, riser rated and UV resistant.

Available Variants

Type	Length (mm)	Weight (g) / pce
L98B-A0339-1000	1000	50
L98B-A0339-30000	30000	920

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

Cable assemblies in additional length variants are available.

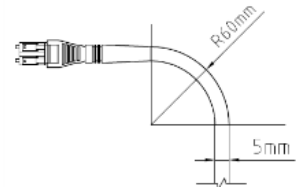
Parts

Connector top	1 x Rosenberger LC-Duplex, single mode
Connector bottom	1 x Rosenberger LC-Compact, single mode
Cable	PVC black jacket; 2 fiber loose tube cable, Flame retardant, UV resistant, Singlemode G657A1, LSZH, OFNR

Optical data

Cable	2 Fibers 9/125 µm single mode optical fiber according to ITU-T
Fiber	G657A1 and G652D

Cable attenuation	≤0.35 dB / km λ = 1310 nm ≤0.21 dB / km λ = 1550 nm
Connector A side	LC-Duplex
Insertion loss	typ. 0.10 dB max. 0.30 dB
Return loss	typ. 50 dB (UPC)
Connector B side	LC-Compact
Insertion loss	typ. 0.10 dB max. 0.30 dB
Return loss	typ. 50 dB (UPC)
Bending radius min. at boot	60 mm



Mechanical data

Cable diameter, jacket	4.8 mm
Minimum bending radius cable	
Installation	60 mm
Operation	30 mm
Max. tensile strength cable	
Installation	450 N
Permanent	300 N
Crush resistance short term	3000 N / dm (IEC 60794-1-2, method3)
Crush resistance long term	1000N / dm (IEC 60794-1-2, method3)

Environmental data

Temperature range operation	-40 °C to +85 °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
A.Burggraf	12/02/18	S.Wiener	30/01/20	200	20-0020	A.Burggraf	30/01/20