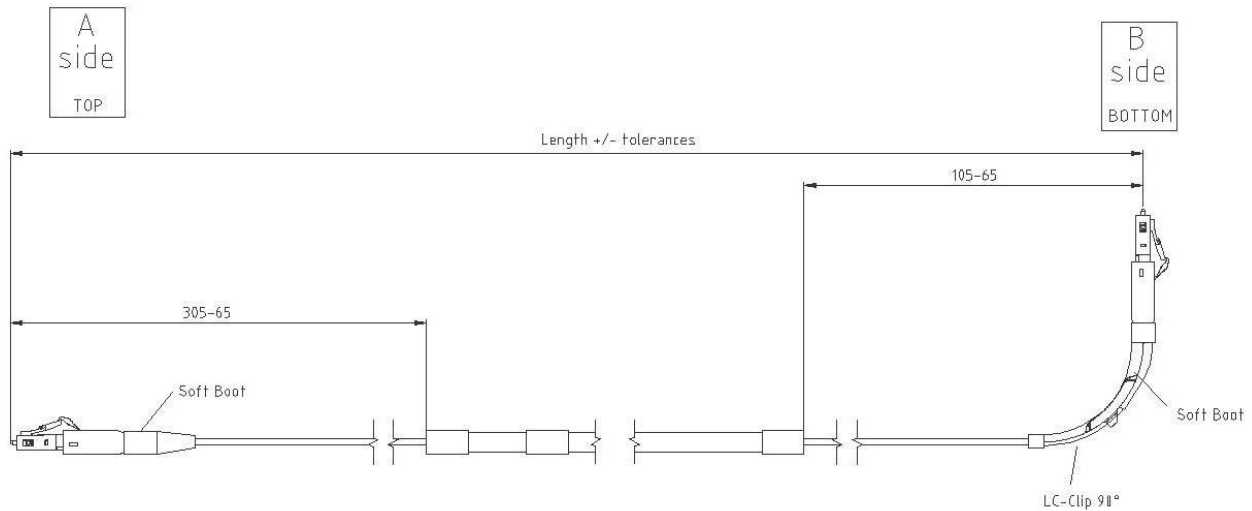




Fiber Chart

From:	To:
A	B
B	A

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

Description

This fiber-optic jumper cable assembly is designed to connect to an ALU Outdoor cabinet. Side A uses the Rosenberger LC Duplex connector with soft boot. The B side uses the same connector, but with 90° boot bender. The cable divider is a shrink tube divider on both ends. The fanout is 2,1mm flame retardant. Main cable material is flame retardant, riser rated and UV resistant.

Available Variants

Type	Length (mm)	weight (g) / pce
L98B-269-1000	1000±500	60
L98B-269-2000	2000±500	90
L98B-269-3000	3000±500	120
L98B-269-5000	5000±500	180

Cable assemblies are available in additional length variants.

Parts

Connector Side A	Rosenberger LC Duplex connector, Single mode
Connector Side B	Rosenberger LC Duplex connector 90°, Single mode
Cable	PVC jacket; 2 fiber loose tube cable OFNR (UL 1666) Flame retardant acc. to IEC 60332-1 UV resistant SM G657A1

Technical Data Sheet

FTTA Fiber Jumper
LCD -2F9µG657- LCD90

FB-L98B-269-XXX

Optical data

Cable	2 fibers
Fiber	9/125 µm single mode optical fiber according to ITU-T G.657A
Insertion loss	≤ 0.7 dB / km λ = 1310 nm ≤ 0.7 dB / km λ = 1550 nm
Connectors	LCD
Insertion loss	typ. 0.10 dB max. 0.30 dB
Return loss	typ. 50 dB (UPC)

Mechanical data

Cable diameter, jacket	5,0 mm
Minimum bending radius cable	
Installation	50 mm
Operation	75 mm
Max. tensile strength cable	
Installation	1200 N
Permanent	600 N
Crush resistance (short term)	1000 N / cm (IEC 60794-1-2, method3)
Crush resistance (long term)	750 N / cm (IEC 60794-1-2, method3)
Max. tensile strength molding divider	
Side A	85 N

Environmental data

Temperature range operation	-40 °C to +85 °C
Temperature range storage	-55 °C to +85 °C
Temperature range installation	-20 °C to +60 °C
2003/95/EC (RoHS)	compliant
Flame retardancy	IEC 60332-1
UV resistant	

Packing

tbd

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	03/6/2014	A.Burggraf	03/6/2014	200	14-0004	A.Burggraf	05/8/2014
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