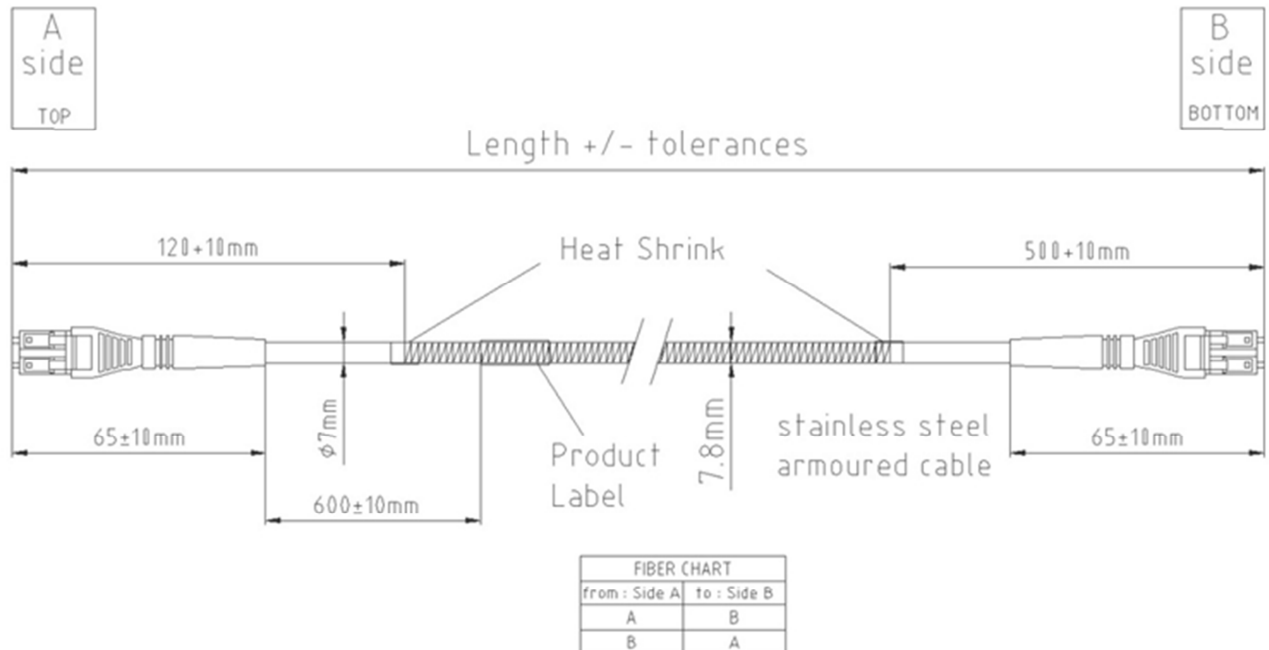




All dimensions are in mm; tolerances according to ISO 2768 m-H

Description

These fiber optic jumper cable assemblies connect remote radio heads in telecommunication applications. Side A and B are equipped with an LC-Compact connector. Side A perfectly fits for the use of the RFE (Rosenberger Fiber Enclosure).

The boots on both ends are made with hotmelt technology and especially designed for solid straight connections.

A metal braid around the outer jacket of the cable ensures the best possible rodent protection.

The assembly can be used indoor and outdoor. The cable is UV protected and riser rated.

Available Variants

Type

L98B-178-5000
L98B-178-7500
L98B-178-10000
L98B-178-20000
L98B-178-50000
L98B-178-75000
L98B-178-100000

Length (mm)

5000±500
7500±500
10000±500
20000±1000
50000±1000
75000±1000
100000±1000

weight (g) / pce

tbd

Other length are available on request.

Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

FTTA Fiber Cable Assembly
LCC – 9uG657 - LCC

FB-L98B-178-XXX

Parts

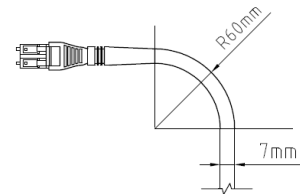
Connector top 1 x LC-Compact, single mode
Connector bottom 1 x LC-Compact, single mode
Cable Polyvinylchlorid, OFNR rated (UL1666)
Flame retardant acc. to IEC 60332-1
with armouring, stainless steel braid 0,2mm

Optical data

Cable 2 fibers
Fiber 9/125 µm single mode optical fiber according to ITU-T G.657A1 and G.652D
Attenuation Coefficient ≤ 0.35 dB / km λ = 1310 nm
≤ 0.25 dB / km λ = 1550 nm

Connectors LC-Compact
Insertion loss typ. 0.10 dB
max. 0.30 dB
Return loss typ. 50 dB (UPC)

Bending radius min. at boot 60mm



Mechanical data

Cable diameter, jacket 7.0 mm
Cable diameter total 7.8 mm
Minimum bending radius cable
Installation 105 mm
Operation 70 mm
Max. tensile strength cable
Installation 1200 N
Permanent 600 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
2002/95/EC (RoHS) compliant
UV resistance acc. to DIN53387
Good resistance to oil, petrol and leach.

Packing

Standard
Length < 20 m 3 pce in box
Length ≥ 20 m 1 pce in box
Length ≥ 175 m 1 pce on cardboard drum

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	18.09.13	S.Schlomka	18.09.13	300	13-0003	D.Eisenhut	14/11/13
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