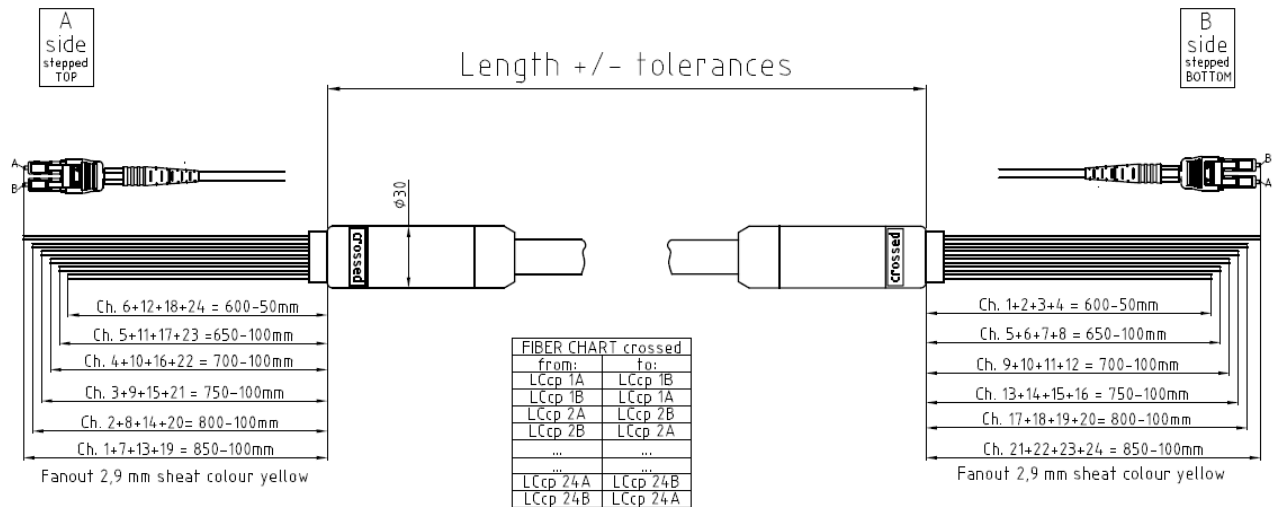




All dimensions are in mm; tolerances according to ISO 2768 m-H

Description

FTTA fiber trunks are fiber optical cable assemblies connecting base stations and remote radio heads in telecommunication applications. They can be used indoor and outdoor, are UV protected and riser rated. Connectors and fan-out are IP67 protected. A pulling sock eases cable hoisting and ensures easy handling in an outdoor environment.

Each trunk comes with a securing washer as installation tool.

Available Variants

Type	Length (mm)	Weight (g) / pce
L98B-235-5000	5000	425
L98B-235-25000	25000	2125
L98B-235-30000	30000	2550
L98B-235-50000	50000	4250
L98B-235-75000	75000	6375
L98B-235-100000	100000	8500
L98B-235-125000	125000	10625
L98B-235-150000	150000	12750
L98B-235-200000	200000	17000

Length (m)	Tolerances (mm)
L ≤ 5	+/-50
5 < L ≤ 10	+/-100
10 < L ≤ 20	+/-200
20 < L ≤ 50	+/- 500
L > 50	+/-1000

Cable assemblies in additional length variants are available.

Parts

Connector top	24 x LCC, single mode
Connector bottom	24 x LCC, single mode
Cable	OFNR, UL 1666

Technical Data Sheet

Rosenberger

FTTA Fiber Trunk
LCC – 9µG657A2 - LCC

FB-L98B-235-XXX

Optical data

Cable	48 Fibers 9/125 µm single mode optical fiber according to ITU-T
Fiber	G657A2
Cable attenuation	≤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)

Mechanical data

Cable diameter, jacket	10 mm
Divider diameter	30 mm
Protection tube diameter	38 mm
Minimum bending radius cable	
Installation	244 mm
Operation	122 mm
Max. tensile strength cable	
Installation	2700 N
Permanent	890 N
Crush resistance	2200 N / 100 mm
Minimum bending radius single fan-out	
Single	30 mm
Repeated	30 mm
Max. tensile strength	100 N (22 lb)

Environmental data

Temperature range operation	-40 °C to +70 °C
Temperature range storage	-40 °C to +70 °C
Temperature range installation	-10 °C to +65 °C
RoHS	compliant

Packing

Standard
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.Schlomka	21/02/14	S.Gleich	21/02/14	300	18-0005	S.Gleich	09/10/18

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Page
2 of 2