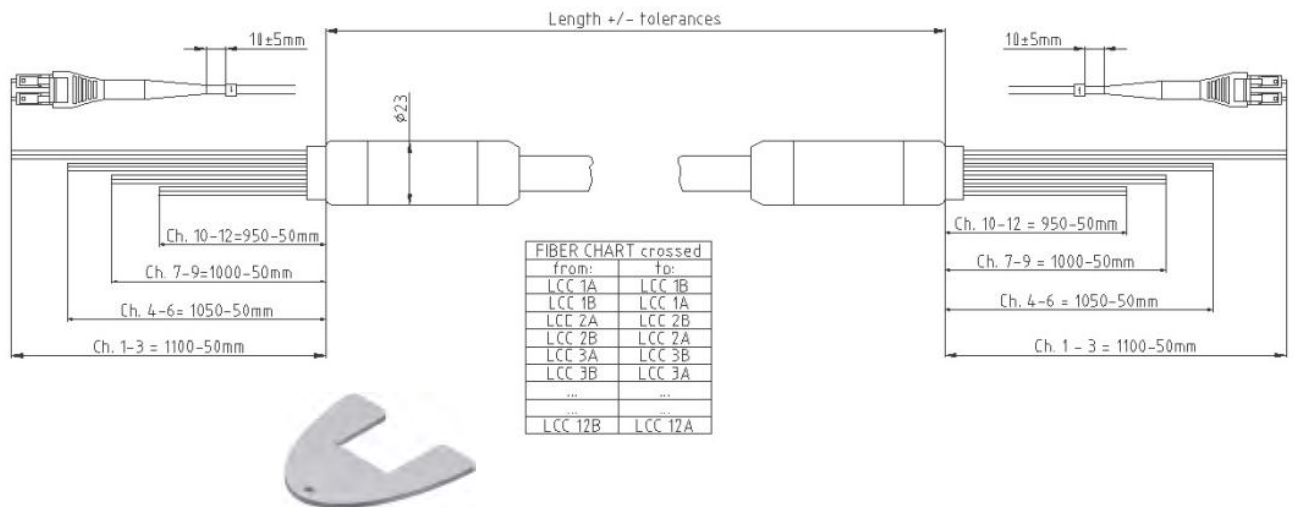




All dimensions are in mm; tolerances according to ISO 2768 m-H

Description

FTTA fibre trunks are fibre 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. This trunk is using extended divider heads on both ends to fit perfectly in dedicated FTTA boxes. Connectors and fan-out are IP67 protected. This ensures easy handling in an outdoor environment. A pulling sock eases cable hoisting.

Available Variants

Type	Length (mm)	Length (FT)
L98B-213-875FT	267000±2000	875±6

Parts

Connector top	12 x LC-Compact Duplex, single mode
Connector bottom	12 x LC-Compact Duplex, single mode
Cable	OFNR, UL 1666
Fiber marking	Identification ring on single fan-out
Securing washer	1 pcs
Rubber seal for cable gland	1 pcs

Optical data

Cable	24 fibers
Fiber	9/125 µm single mode optical fiber according to ITU-T G.657A2 and G.652D
Attenuation Coefficient	≤ 0.35 dB / km λ = 1310 nm ≤ 0.25 dB / km λ = 1550 nm
Connectors	LC-Compact Duplex
Insertion loss	typ. 0.10 dB max. 0.30 dB
Return loss	typ. 50 dB (UPC)

Technical Data Sheet

FTTA Fiber Trunk
LCC – 9uG657A2 - LCC

FB-L98B-213-XXX

Mechanical data

Cable diameter, jacket	10 mm
Protection tube diameter	34 mm
Minimum bending radius cable	
Installation	188 mm
Operation	94 mm
Max. tensile strength cable	
Installation	2700 N (607 lb)
Permanent	890 N (200 lb)
Crush resistance	2200 N / 100 mm (494 lb / 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 +80 °C (-40 °F to 176 °F)
Temperature range storage	-40 °C to +80 °C (-40 °F to 176 °F)
Temperature range installation	-10 °C to +65 °C (14 °F to 149 °F)
2002/95/EC (RoHS)	compliant

Packing

Standard:	
Length ≤ 20 m	1 pce in box
20 m < Length < 80 m	1 pce on cardboard drum (Ø 500 mm)
80 m ≤ Length < 150 m	1 pce on cardboard drum (Ø ext.500 mm)
Length ≥ 150 m	1 pce on cardboard drum (Ø 800 mm)

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	29/10/13	A.Burggraf	30/10/13	100	13-0004	S.Gleich	29/10/13
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