



Description

FTTA fiber trunks are fiber optical cable assemblies, connecting base stations and remote radio heads in telecommunication applications. The cable jacket is LSZH and UV protected. The cable can be used indoor and outdoor and meets CPR class B2ca. Dividers on both ends are indoor rated.

Available Variants

Type	Length (mm)
L98B-A0987-20000	20000
L98B-A0987-30000	30000
L98B-A0987-50000	50000
L98B-A0987-75000	75000
L98B-A0987-100000	100000
L98B-A0987-150000	150000
L98B-A0987-200000	200000

Length (m)	Tolerances (mm)
L ≤ 10	+/-500
10 < L ≤ 30	+/-1000
30 < L ≤ 100	+/-1500
L > 100	+/-2%

Cable assemblies in additional length variants are available.

Parts

Connector top	6 x LC-Compact, single mode
Connector bottom	6 x LC-Compact, single mode
Cable	LSZH-Xtreme B2ca-s1a-d1-a1
Fiber marking	Identification on single fan-out

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FTTA Fiber Trunk
LCC – 12F9µG657 - LCC

L98B-A0987-XXX

Optical data

Cable	12 fibers
Fiber	9/125 µm single mode optical fiber according to ITU-T G.657A and G.652D
Attenuation Coefficient	≤ 0.35 dB / km ≤ 0.25 dB / km
Connectors	LC-Compact
Insertion loss	typ. 0.10 dB max. 0.30 dB
Return loss	typ. 55 dB (UPC)

Mechanical data

Cable diameter, jacket	9.1 mm
Minimum bending radius cable	
Installation	136.5 mm
Operation	91 mm
Max. tensile strength cable	
Installation	1800 N
Crush resistance	1000 N
Minimum bending radius single fan-out	
Single	30 mm
Repeated	30 mm
Max. tensile strength	100 N

Environmental data

Temperature range operation	-10 °C to +60 °C
Temperature range storage	-20 °C to +70 °C
Temperature range installation	-10 °C to +50 °C
RoHS	compliant

Packing

Standard	1 pce in box
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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
E.Kekel	26/01/21	S.Wiener	25/06/21	300	22-0004	S.Gleich	13/10/22

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