

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

Description

These fibre optic cable assemblies connect remote radio heads in telecommunication applications. The assembly consist of an overmolded LC Compact connector on side A and a 250mm fan-out with LC Duplex connector on side B. These fiber optic cable assemblies could be used indoor and outdoor. The cable is UV protected, riser rated and UV resistant.

Available Variants

Type	Length (mm)	weight (g) / pce
L98C-068-1000	1000±500	60
L98C-068-30000	30000±1000	1510

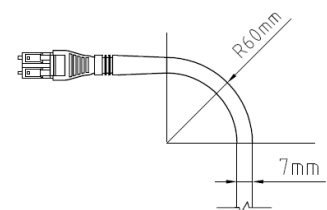
Cable assemblies are available in additional length variants too.

Parts

Connector top/ A	1 x LC-Compact, Multi mode
Connector bottom / B	1 x LC-Duplex, Multi mode
Cable	Riser Rated PVC; UL 1651 OFNR (UL1666) Flame retardant acc. to IEC 60332-1

Optical data

Cable	2 fibers
Fiber	50/125 µm OM2 multi mode optical fiber
Insertion loss	≤ 2.70 dB / km λ = 850 nm
1300 nm	≤ 0.70 dB / km λ =
Connector A	LC-Compact
Insertion loss	typ. 0.10 dB max. 0.30 dB
Return loss	typ. 20 dB
Bending radius min. at boot	60mm



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Connector B	LC-duplex
Insertion loss	typ. 0.10 dB max. 0.30 dB
Return loss	typ. 20 dB

Mechanical data

Cable diameter, jacket	7 mm
Minimum bending radius cable	
Installation	105 mm
Operation	70 mm
Max. tensile strength cable	
Installation	1200 N
Permanent	600 N
Crush resistance	
Short term	2200 N / dm
Long term	800 N / dm
Impact resistance acc. to IEC 60794-1-2, method E4	
3 Impacts	1.5 Nm

Environmental data

Temperature range operation	-40 °C to +80 °C
Temperature range storage	-40 °C to +80 °C
Temperature range installation	-20 °C to +60 °C
2002/95/EC (RoHS)	compliant
UV resistance	acc. to DIN53387, Procedure 1, condition A
No resistance to oil, petrol, acid and leach	

Packing

Standard	
Length < 30 m	1 pce in bag
Length ≥ 30 m	1 pce in box

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
U.Albrecht	18/02/14	S.Schlomka	18/02/14	100	14-0004	U. Albrecht	18/02/14