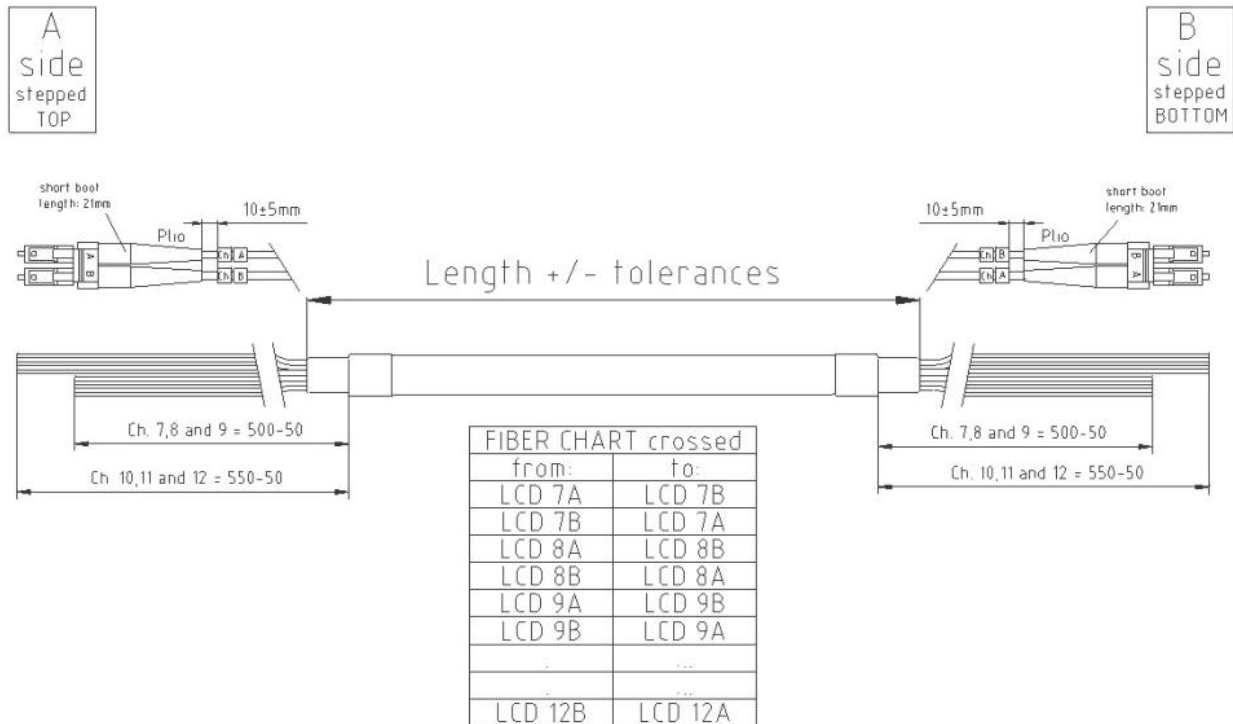




All dimensions are in mm; tolerances according to ISO 2768 m-H

Description

These fiber optic cable assemblies are applicable to connect cross connect applications in telecommunication applications. The trunk supports six different optical channels by using color coded short boot LC duplex connectors (LC connector with duplex clip) on Side A and B. The fan-out are six times 2.2mm singular sub-elements. The trunk can be used indoor and outdoor. The cable is flame retardant, halogen free and Riser rated (UL 1666).

Available Variants

Type	Length (ft)/(mm)	weight (g) / pce
L98B-A0143-10ft	10 / 3000±500	655
L98B-A0143-15ft	15 / 4600±500	960
L98B-A0143-20ft	20 / 6100±500	1245
L98B-A0143-25ft	25 / 7600±500	1530
L98B-A0143-30ft	30 / 9100±500	1815
L98B-A0143-40ft	40 / 12200±1000	2410
L98B-A0143-50ft	50 / 15200±1000	2980
L98B-A0143-60ft	60 / 18300±1000	3565
L98B-A0143-75ft	75 / 22900±1500	4435
L98B-A0143-80ft	80 / 24400±1500	4720
L98B-A0143-85ft	85 / 25900±1500	5005
L98B-A0143-100ft	100 / 30500±1500	5880
L98B-A0143-125ft	125 / 38100±1500	7330
L98B-A0143-150ft	150 / 45720±1500	8772

Cable assemblies in additional length variants are available.

Technical Data Sheet

Outdoor Trunk Riser
LCD – 9µG657A2 – LCD

FB-L98B-A0143-XXX

Parts

Connector side A	6 x LC- Duplex, single mode, short boot
Connector side B	6 x LC- Duplex, single mode, short boot
Cable	Flame retardant and non-corrosion (FRNC); Riser rated (UL 1666)
Fibre marking	Identification on single fan-out – using individually colored boots (white, yellow, green, red, blue, black) and Plios.

Optical data

Cable	12 fibres
Fiber	9/125 µm single mode optical fibre according to ITU-T G.657A
Attenuation Coefficient (typical)	≤ 0.41 dB / km λ = 1310 nm ≤ 0.41 dB / km λ = 1550 nm
Connectors	LC- Duplex
Insertion loss	typ. 0.10 dB max. 0.30 dB
Return loss	typ. 55 dB (UPC)

Mechanical data

Cable diameter, jacket	0.52 in / 13.3 mm
------------------------	-------------------

Minimum bending radius cable

Installation	5.2 in / 133 mm
Operation	7.9 in / 200 mm

Crush resistance	1000N/dm
------------------	----------

Environmental data

Temperature range operation	-40 °C to +70 °C (-40 °F to 158 °F)
Temperature range storage	-40 °C to +70 °C (-40 °F to 158 °F)
Temperature range installation	-25 °C to +50 °C (-13 °F to 122 °F)
RoHS	compliant
Performance compliance	UL 1651 OFNR (UL 1666)

Packing

Standard:
1 pce in bag and x pce in box (depends on lengths)

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
R.Dirr	13/01/15	A.Burggraf	14/01/15	100	15-0004	A.Burggraf	14/01/15
Corporate Headquarters Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O. Box 1260 D-84526 Tittmoning Germany Tel. +49 8684 18-0				Rosenberger Site Solutions, LLC P.O. Box 4268, Lake Charles, LA 70606 Ph.337.598.5250 Fax: 337.598.5290 rlss@rlss.us www.RosenbergerOnline.us			Page 2 of 2