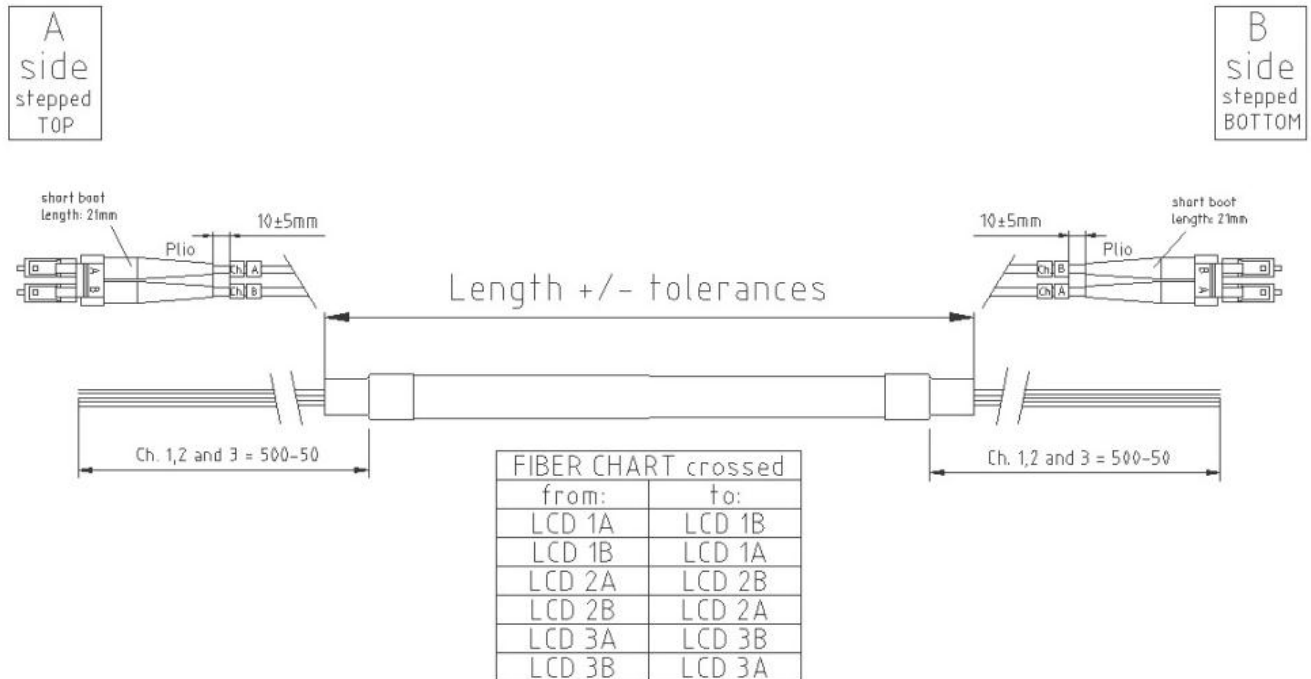


Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

Indoor Trunk Riser
LCD – 9µG657A2 – LCD

FB-L98B-227-XXX



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

Description

These fibre optic cable assemblies are applicable to connect cross connect applications in telecommunication environment. The trunk supports 3 different optical channels by using colour coded ultra-short boot LC duplex connectors (LC connector with duplex clip) on both ends.

The trunks can be used indoor only. The cable is flame retardant and Riser rated (UL1666).

Available Variants

Type	Length (ft)/(mm)	weight (g) / pce
L98B-227-10ft	10 / 3000±500	280
L98B-227-15ft	15 / 4600±500	384
L98B-227-20ft	20 / 6100±500	482
L98B-227-25ft	25 / 7600±500	579
L98B-227-30ft	30 / 9100±500	677
L98B-227-40ft	40 / 12200±1000	878
L98B-227-50ft	50 / 15200±1000	1073
L98B-227-60ft	60 / 18300±1000	1275
L98B-227-75ft	75 / 22900±1500	1571
L98B-227-80ft	80 / 24400±1500	1671
L98B-227-85ft	85 / 25900±1500	1769
L98B-227-100ft	100 / 30500±1500	2068
L98B-227-125ft	125 / 38100±1500	2562
L98B-227-150ft	150 / 45720±1500	3057

Cable assemblies in additional length variants are available.

Technical Data Sheet

Indoor Trunk Riser
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Parts

Connector side A	3 x LC- Duplex, single mode, ultra short boot
Connector side B	3 x LC- Duplex, single mode, ultra short boot
Cable	Flame retardant (FR) PVC, Riser rated (UL1666)
Fibre marking	Identification on single fan-out – using individually coloured boots (white, yellow, green).

Optical data

Cable	6 fibres
Fiber	9/125 µm single mode optical fibre according to ITU-T G.657A2
Attenuation Coefficient	≤ 0.35 dB / km λ = 1310 nm ≤ 0.25 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	0.32 in / 8.0 mm
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Minimum bending radius cable

Installation	4.7 ft / 120 mm
Operation	3.2 ft / 80 mm

Max. tensile strength cable

Installation	150 lbs / 660 N
Long term	45 lbs / 200 N

Environmental data

Temperature range operation	-20 °C to +70 °C (-4 °F to 158 °F)
Temperature range storage	-40 °C to +75 °C (-40 °F to 167 °F)
Temperature range installation	10 °C to +60 °C (50 °F to 140 °F)
2002/95/EC (RoHS)	compliant
Performance compliance	Riser rated (UL 1666) / UL 1561 / Listed OFNR

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
S.Schlomka	09/01/14	S.Gleich	09/01/14	100	13-0004	S.Schlomka	09/01/14
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.rlss.us			Page 2 of 2