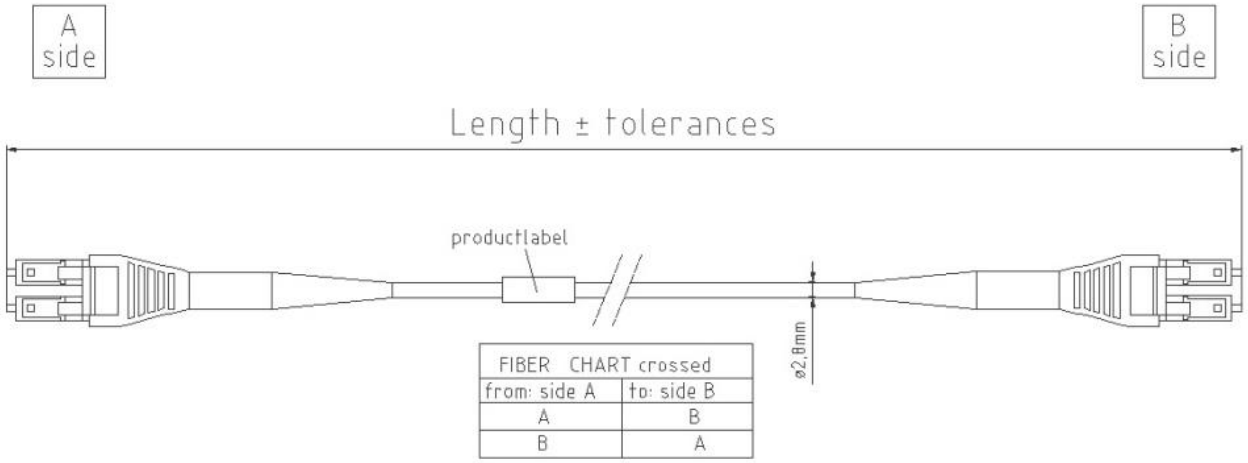
Technical Data Sheet	Rosenberger
FTTA Fiber Cable Assembly LCC – 9µG657 - LCC	**L98B-A0157-XXX**



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

Description

This product is a duplex single mode patchcord cable for indoor use. It has on both sides LC Compact connectors.
The fiber is bend insensitive G.657A1 according to ITU-T standard.

Available Variants

Type	Length (mm)	Weight (g) / pce
L98B-A0157-1000	1000	
L98B-A0157-2000	2000	
L98B-A0157-3000	3000	
L98B-A0157-5000	5000	
L98B-A0157-10000	10000	
L98B-A0157-15000	15000	
L98B-A0157-20000	20000	

Length (m)	Tolerances (mm)
L<=5	+/-50
5<L ≤ 10	+/-100
10<L ≤ 20	+/-200
20 < L ≤ 50	+/- 500
L>50	+/-1000

Cable assemblies in additional length variants are available.

Parts

Connector top	1x LC-Compact, single mode
Connector bottom	1x LC-Compact, single mode
Cable	Flame retardant FRNC jacket

Rosenberger Hochfrequenztechnik GmbH & Co. KG
P.O.Box 1260 D-84526 Tittmoning Germany
www.rosenberger.de

Tel. : +49 8684 18-0
Email : info@rosenberger.de

Optical data

Cable	2 fibres
Fiber	9/125 µm single mode optical fibre according to ITU-T G.657A1 and G.652D
Attenuation Coefficient	≤ 0.36 dB / km ≤ 0.22 dB / km
Connector side A	LC-Compact
Insertion loss	typ. 0.10 dB max. 0.30 dB
Return loss	typ. 50 dB (UPC)
Connector side B	LC-Compact
Insertion loss	typ. 0.10 dB max. 0.30 dB
Return loss	typ. 50 dB (UPC)

Mechanical data

Cable diameter, jacket	2.8 mm
Minimum bending radius cable	
Installation	42 mm
Operation	28 mm
Max. tensile strength cable	300N
Crush resistance	100 N/dm

Environmental data

Temperature range operation	-5 °C to +70 °C
Temperature range storage	-25 °C to +70 °C
Temperature range installation	-5 °C to +50 °C
RoHS	compliant
Good resistance to oil, petrol and leach.	

Packing

Standard	
Length < 30 m	tbd
Length ≥ 30 m	tbd

Draft	Date	Approved	Date	Rev	Engineering change number	Name	Date
S.Schlomka	26/08/13	S.Gleich	22/11/13	200	13-0004	C.Mayer	21/07/15