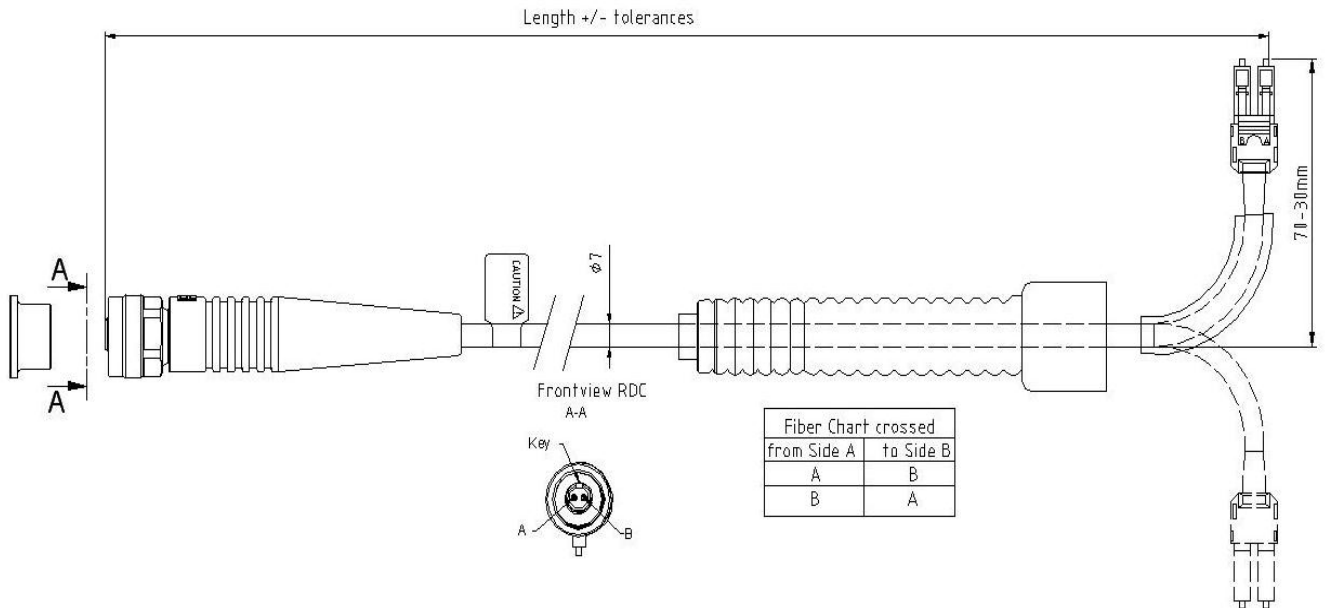




All dimensions are in mm; tolerances according to ISO 2768 m-H

Description

These fiber optic jumper cable assemblies connect remote radio heads in telecommunication applications. They can be used indoor and outdoor, they are UV protected and riser rated. The Rosenberger Duplex Connector (RDC) is intermateable with ODC®-2.

Available Variants

Type	Length (mm)	weight (g) / pce
L98B-063-1500	1500±500	675

Cable assemblies in additional length are available.

Parts

Connector top	1 x Rosenberger Duplex Connector, (RDCm), single mode
Connector bottom	1 x LC-Duplex 90° with IP Seal, single mode
Cable	LSZH, UL 1666

Optical data

Cable	2 fibres
Fibre	9/125 µm single mode optical fibre according to ITU-T G.657A and G.652D
Insertion loss	≤ 0.40 dB / km λ = 1310 nm ≤ 0.25 dB / km λ = 1550 nm
Connector	LC-Duplex
Insertion loss	typ. 0.10 dB max. 0.30 dB
Return loss	typ. 50 dB (UPC)
Connector	Rosenberger Duplex Connector (RDC) (male)
Insertion loss	typ. 0.25 dB max. 0,5 dB
Return loss	typ. 50 dB

Technical Data Sheet

FTTA Fiber Cable Assembly
RDC – 9uG657 – LCD90°

FB-L98B-063-XXX

Mechanical data

Cable diameter, jacket	7 mm
Minimum bending radius cable	
Installation	105 mm
Operation	105 mm
Max. tensile strength cable	
Installation	500 N
Permanent	500 N
Crush resistance	2200 N / 100 mm (EN 187000-504)
Minimum bending radius break-out element	
Single	30 mm
Repeated	30 mm
Max. tensile strength	100 N

Environmental data

Temperature range operation	-40 °C to +85 °C
Temperature range storage	-40 °C to +85 °C
Temperature range installation	-10 °C to +65 °C
2002/95/EC (RoHS)	compliant

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
A.Burggraf	02/08/12	S.Gleich	02/08/12	100	12-0004	A.Burggraf	02/08/12
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