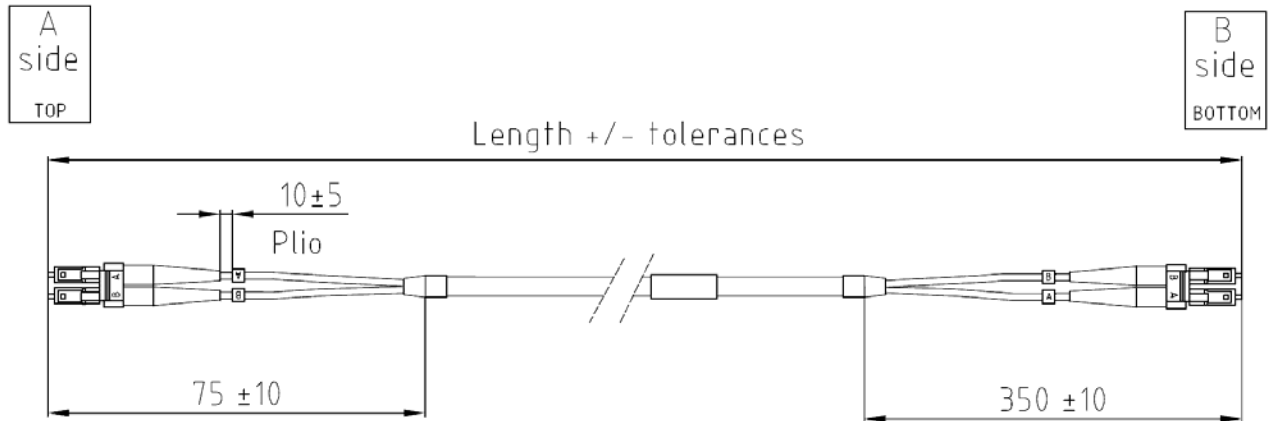




Fiber Chart

From:	To:
A	B
B	A

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, are UV protected and riser rated.

Available Variants

Type	Length (mm)	weight (g) / pce
L98B-005-5000	5000±500	274
L98B-005-10000	10000±500	524
L98B-005-20000	20000±1000	1024
L98B-005-35000	35000±1000	1805
L98B-005-50000	50000±1000	2524
L98B-005-75000	75000±1000	3774
L98B-005-100000	100000±1000	5024
L98B-005-125000	125000±1000	6446
L98B-005-150000	150000±1000	7736
L98B-005-175000	175000±1000	9025
L98B-005-200000	200000±1000	10314

Parts

Connector top	1 x LC-Duplex, single mode
Connector bottom	1 x LC-Duplex, single mode
Cable	FRLS, UL 1666

Technical Data Sheet

FTTA Fiber Cable Assembly
LCD – 9uG657 - LCD

FB-L98B-005-XXX

Optical data

Cable	2 fibers
Fiber	9/125 µm single mode optical fiber 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
Connectors	LC-Duplex
Insertion loss	typ. 0.10 dB max. 0.30 dB
Return loss	typ. 50 dB (UPC)

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
H.Schütt	18/01/10	S.Gleich	23/07/10	500	10-0579	H.Schütt	23/07/10
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 8817, Lake Charles, LA 70606 Ph.337.598.5250 Fax: 337.598.5290 rlss@rlss.us www.rlss.us			Page 2 of 2