



FIBER CHART uncrossed	
from: side A	to: side B
A	A
B	B

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

Description

This product is a duplex single mode cable assembly for indoor use. It has two E2HRL connectors on side A and SCD/APC connector on side B. The fiber is bend insensitive G657A2 according to ITU-T standard.

Available Variants

Type	Length (mm)	Weight (g) / pce
L98B-A0600-1000	1000	
L98B-A0600-10000	10000	
L98B-A0600-20000	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 Side A	2 x E2HRL simplex, single mode
Connector Side B	1 x SCD/APC duplex, single mode
Cable	Duplex cable with yellow LSZH jacket

Optical data

Cable	2 Fibers 9/125 µm single mode optical fiber according to ITU-T
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RF_35/09.14/6.2

Fiber	G657A2
Cable attenuation	≤0.40 dB / km λ = 1310 nm ≤0.25 dB / km λ = 1550 nm
Connector side B	E2HRL
Insertion loss	max. 0.40 dB
Return loss	typ. 70 dB (APC)
Connector side B	SC-APC
Insertion loss	max. 0.40 dB
Return loss	typ. 65 dB (APC)

Mechanical data

Cable diameter, jacket	2.1 x 4.1 mm
Minimum bending radius cable	
Installation	30 mm
Operation	30 mm
Max. tensile strength cable	
Installation	100 N
Permanent	60 N
Crush resistance	100 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	-20 °C to +80 °C
Temperature range storage	-20 °C to +80 °C
Temperature range installation	-10 °C to +65 °C
RoHS	compliant

Packing

Standard	
Length < 100 m	1 pce in bag and x pce in box
Length > 300 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
U.Albrecht	05/07/17	S.Gleich	05/07/17	100	17-0004	U.Albrecht	05/07/17