



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

**Description**

This product is a simplex single mode cable assembly for indoor use. It has E2000/APC connectors on both ends.

The fiber is bend insensitive G657A2 according to ITU-T standard.

**Available Variants**

Type	Length (mm)
L98B-A0197-500	500±50
L98B-A0197-1000	1000±50
L98B-A0197-1500	1500±100
L98B-A0197-2000	2000±100
L98B-A0197-2500	2500±100
L98B-A0197-4000	4000±100
L98B-A0197-5000	5000±100
L98B-A0197-7000	7000±100
L98B-A0197-10000	10000±100
L98B-A0197-15000	15000±100
L98B-A0197-20000	20000±100
L98B-A0197-30000	30000±100

Cable assemblies in additional length variants are available.

**Parts**

Connector Side A	1 x E2000/APC simplex, single mode
Connector Side B	1 x E2000/APC simplex, single mode
Cable	Simplex cable with yellow LSZH jacket

**Optical data**

Cable	1fiber G657A2	
Fiber	9/125 µm single mode optical fibre according to ITU-T G.657A2	
Attenuation Coefficient	≤ 0.40 dB / km	λ = 1310 nm
	≤ 0.25 dB / km	λ = 1550 nm

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Connector	E2000-APC
Insertion loss	typ. 0.20 dB max. 0.40 dB
Return loss	typ. 70 dB (APC)

**Mechanical data**

Cable diameter, jacket 2 mm

**Minimum bending radius cable**

Installation	40 mm
Operation	30 mm

**Max. tensile strength cable**

Installation	100 N
Permanent	60 N
Crush resistance	100 N / 100 mm (EN 187000-504)

**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 < 10 m	1 pce in bag and 10 pce in box
Length > 30 m	1 pce in bag and 4 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
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							Page 2 / 2