



Top Side A	Fiber Chart		Bottom Side B
	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. The Rosenberger Duplex Connector (RDC) is intermateable with ODC®-2.

**Available Variants**

Type	Length (mm)	Weight (g) / pce
L98C-026-2000	5000	274
L98C-026-10000	10000	524
L98C-026-20000	20000	1024

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	1 x RDC (Rosenberger Duplex Connector) male, Multimode
Connector bottom	1 x LC-Duplex, Multimode
Cable	PUR-LSZH black

**Optical data**

Cable	2 fibers
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Fiber	50/125 µm OM2 Multimode optical fiber
Insertion loss	≤ 2.5 dB / km ≤ 0.7 dB / km
Connector	LC-Duplex
Insertion loss	typ. 0.10 dB max. 0.30 dB
Connector	Rosenberger Duplex Connector (RDC)
Insertion loss	typ. 0.10 dB max. 0.30 dB

**Mechanical data**

Cable diameter, jacket	4,9 +/- 0,3 mm
<b>Minimum bending radius cable</b>	
Installation	20 mm
Operation	20 mm
<b>Max. tensile strength cable</b>	
Installation	700 N
Permanent	400 N
Crush resistance	3000 N / 100 mm (EN 187000-504)

**Environmental data**

Temperature range operation	-40 °C to +95 °C
Temperature range storage	-40 °C to +70 °C
Temperature range installation	-10 °C to +60 °C
RoHS	compliant

**Packing**

Standard	
Length < =50 m	in bag and box
50m<Length<=100m	in box
Length > 100m	on drum and 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	19/11/12	S.Gleich	19/11/12	200	12-0005	U.Albrecht	01/06/16