



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.

**Available Variants**

Type	Length (mm)	weight (g) / pce
L98C-025-2000	5000±500	274
L98C-025-10000	10000±500	524
L98C-025-20000	20000±1000	1024

Cable assemblies in additional length variants are available.

**Parts**

Connector top	1 x LC-Duplex, Multimode
Connector bottom	1 x LC-Duplex, Multimode
Cable	PVC, FRLS, UL 1666
Cable divider on both ends	Macromelt black

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RF\_35/06.10/1.0

**Optical data**

Cable	2 fibers	
Fiber	50/125 µm Multimode optical fiber	
Insertion loss	≤ 2.5 dB / km	λ = 850 nm
	≤ 0.7 dB / km	λ = 1300 nm
Connectors	LC-Duplex	
Insertion loss	typ. 0.10 dB	
	max. 0.30 dB	

**Mechanical data**

Cable diameter, jacket	7 mm
<b>Minimum bending radius cable</b>	
Installation	105 mm
Operation	105 mm
<b>Max. tensile strength cable</b>	
Installation	500 N
Permanent	500 N
Crush resistance	2200 N / 100 mm (EN 187000-504)
<b>Minimum bending radius break-out element</b>	
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
S.Gleich	18.07.11	J. Gramsamer	19/07/11	100	11-0004	S.Gleich	14/07/11
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