

Fiber Chart crossed	
from Side A	to Side B
A	B
B	A

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

Description

These fibre optic cable assemblies connect remote radio heads in telecommunication applications. The divider on top end (A Side) is overmolded and especially designed for solid straight connections. The connectors on bottom end (B side) use a standard boot. On the bottom end (B Side) the divider is done with a heat-shrink and with 2.1mm fan-outs. They can be used indoor and outdoor. The cable is flame retardant and halogen free.

Available Variants

Type	Length (mm)	weight (g) / pce
L98D-096-5000	5000±500	130
L98D-096-10000	10000±500	211
L98D-096-20000	20000±1000	398
L98D-096-50000	50000±1000	959
L98D-096-75000	75000±1000	1427

Cable assemblies in additional length variants are available.

Parts

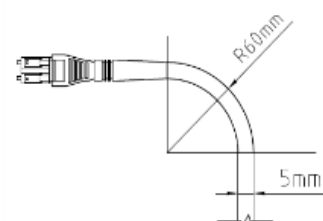
Connector top	1 x LC-Compact, multimode
Connector bottom	1 x LC-Duplex, multimode
Cable	Flame retardant, Halogen free

Optical data

Cable	2 fibres	
Fiber	50/125µm OM3 multimode optical fibre according to ITU-T G.651	
Attenuation Coefficient	≤ 3.0 dB / km	λ = 850 nm
	≤ 1.0 dB / km	λ = 1300 nm

Connectors (A side)	LC-Compact
Insertion loss	typ. 0.10 dB max. 0.30 dB

Bending radius min. at boot	60mm
-----------------------------	------



Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG
RF_35/06:10/1.0

Connector (B side) LC-Duplex
Insertion loss typ. 0.10 dB
max. 0.30 dB

Mechanical data

Cable diameter, jacket 4.8 mm

Max. tensile strength cable

Permanent 300 N (IEC 60794-1-2 clause 5)

Environmental data

Temperature range operation -40 °C to +75 °C (IEC 60794-1-2 clause 22)
Temperature range storage -40 °C to +70 °C
Temperature range installation -15 °C to +60 °C
2002/95/EC (RoHS) compliant
Flame retardant IEC 60332-3-24 (Cat. C)
Water penetration IEC 60794-1-2

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.Schlomka	30/07/13	S.Gleich	30/07/13	200	13-0003	D.Eisenhut	14/11/13