

Technical Specifications

SPECIFICATIONS CABLE (A)	
Type	Patchcord - Duplex
Outer diameter	1.8mm
Tensile strength	90N (short time 150N)
Minimal bending radius cable	
Minimal bending radius cable under tensile load	
Operation temp.	-20°C to +70°C
Outer Jacket	LSZH
Cable colour	Erika Violet
Cable printing	ACT Premium Multimode Fiber Optical Patch Cable 50/125 OM4 LSZH

ACT Connectivity Solutions – Koolhovenstraat 1E – 3772MT – Barneveld – The Netherlands

	8	7	6	5	4	3	2	1	
H	SPECIFICATIONS CONNECTOR (B, C)								H
	Connector				LC Duplex				
	Polishing Connector				UPC				
	Ferrule Connector				Ceramic Zirconia (ZrO2)				
	Ferrule Diamater				1.25MM				
	Housing				Ivory (PC)				
	Clip				Ivory (PP)				
	Boot				White/Yellow (TPE)				
	Tube				White/Yellow (PVC)				
G	SPECIFICATIONS FIBER								G
	Fiber type				Multimode				
	Fiber class				OM4				
	Diameter core / cladding				50/125				
	Minimal bending radius fiber								
	SPECIFICATIONS OPTICAL PERFORMANCE								
	Insertion Loss (IL) typical				0.1 dB				
	Insertion Loss (IL) maximum				0.15 dB				
	Return Loss (RL)				≥ 45 dB				
F	STANDARD COMPLIANCES								F
	ANSI/TIA-568-D								
	ISO 11801 OM4/IEC60793-2-10 type A1a								
	Telcordia GR-326 CORE								
	Fire performance								
	Flame retardancy				IEC 60332-1-2				
	Smoke density LS				IEC 61034				
	Absence of halogen ZH				IEC 60754-1				
	E	ACT Connectivity Solutions							
D	ACT Connectivity Solutions								D
C	ACT Connectivity Solutions								C
B	ACT Connectivity Solutions								B
A	ACT Connectivity Solutions								A
8	7	6	5	4	3	2	1		



Drawn by : M. Diks

ACT Multimode Fiber Optic duplex patch cable 50/125 OM4	
Item : RL97xx	Revision : 1.0
	Date : 19-03-2024
<small>This drawing is proprietary information of ACT Connectivity Solutions and confidential and provided to you for internal use on a need to know basis only. This document may not be duplicated for or disseminated to any third party without the prior explicit written consent of ACT Connectivity Solutions. Copies of this document, Printed or electronic, are uncontrolled and intended only for immediate use.</small>	

8 7 6 5 4 3 2 1

H

H

Product Information

G

G

Article code	Length(m)	Article code	Length(m)	Article code	Length(m)	Article code	Length(m)
RL9752	0.25M	RL9703	3.00M	RL9715	15.0M	RL9730	30.0M
RL9700	0.50M	RL9704	4.00M	RL9717	17.0M	RL9735	35.0M
RL9701	1.00M	RL9705	5.00M	RL9720	20.0M	RL9740	40.0M
RL9751	1.50M	RL9707	7.00M	RL9722	22.0M	RL9745	45.0M
RL9702	2.00M	RL9710	10.0M	RL9725	25.0M		
RL9753	2.50M	RL9712	12.0M	RL9727	27.0M		

F

F

E

E

D

D

C

C


B

B

A

A

8 7 6 5 4 3 2 1

 Drawn by : M. Diks	ACT Multimode Fiber Optic duplex patch cable 50/125 OM4	
	Item : RL97xx	Revision : 1.0
		Date : 19-03-2024
<small>This drawing is proprietary information of ACT Connectivity Solutions and confidential and provided to you for internal use on a need to know basis only. This document may not be duplicated for or disseminated to any third party without the prior explicit written consent of ACT Connectivity Solutions. Copies of this document, Printed or electronic, are uncontrolled and intended only for immediate use.</small>		