



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

Drawn by : M. Diks

ACT Multimode Fiber Optic duplex patch cable 50/125 OM4

Item : RL97xx

Revision : 1.0


Date : 14-03-2024

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.

SPECIFICATIONS CONNECTOR (B, C)	
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)
Cap	White(PE)

SPECIFICATIONS FIBER	
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

	ACT Multimode Fiber Optic duplex patch cable 50/125 OM4	
	Item : RL97xx	Revision : 1.0
		Date : 14-03-2024
	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.	
Drawn by : M. Diks		

Drawn by : M. Diks

STANDARD COMPLIANCES	
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

Product Information

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		

Revision: 1.0 | Date: 2025-02-15 | Author: Your Name

 Drawn by : M. Diks	ACT Multimode Fiber Optic duplex patch cable 50/125 OM4	
	Item : RL97xx	Revision : 1.0
		Date : 14-03-2024
	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.	