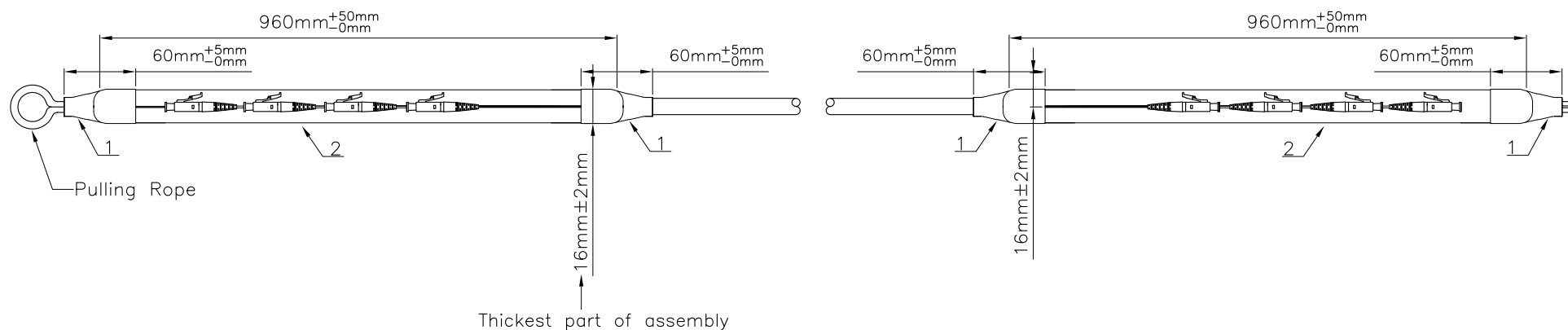


	1	2	3	4	5	6
A	Specifications Installation cable (A)					
	Type	Indoor/Outdoor cable				
	Outer diameter	6.5mm				
	Tensile strength	350N				
	Operation temp.	-20°C to +70°C				
	Storage temp.	-40°C to +80°C				
	Outer Jacket	LSZH				
	Euro fire class	B2ca s1, d1, a1				
	Cable colour	Black				
	UV resistance	Yes				
B	Cable printing	CE MM/YY ACT 8F 50/125 OM3 10280010 xxxxM DoP: 1320-2231 B2ca, s1, d1, a1 NB0598 Communications supply in-/outdoor (MM=month, YY=year)				
	Specifications Heat Shrink Tubing (B,C)					
C	Length	80mm				
	Specifications Fanout cable (D,E)					
	Type	Tubing				
	Outer diameter	0.9mm				
	Operation temp.	-20°C to +70°C				
	Storage temp.	-40°C to +80°C				
	Colors	Blue, Orange, Green, Brown, Gray, White, Red, Black				
	Fanout length	500mm (+50mm-0mm) - 780mm (+50mm-0mm)				
	Fanout staggered increments	40mm				
	D	Specifications Connector (F,G)				
Connector		LC				
Polishing Connector		UPC				
Ferrule Connector		Ceramic Zirconia (ZrO2)				
Ferrule Diameter		1.25mm				
Housing		Ivory (PC)				
Boot		White (TPV)				
Cap		White (PE)				
				ACT Multimode Fiber Optic Indoor / Outdoor cable 50/125 OM3		
				Item : RL42xx-B2ca	Revision : 1.0	
				Date : 02-07-2024		
ACT				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 : YMN						
1	2	0	3	4	5	6
				10cm		



Item	Length(m)	Item	Length(m)
RL4201	10	RL4216	160
RL4202	20	RL4217	170
RL4203	30	RL4218	180
RL4204	40	RL4219	190
RL4205	50	RL4220	200
RL4206	60	RL4221	210
RL4207	70	RL4222	220
RL4208	80	RL4223	230
RL4209	90	RL4224	240
RL4210	100	RL4225	250
RL4211	110	RL4226	260
RL4212	120	RL4227	270
RL4213	130	RL4228	280
RL4214	140	RL4229	290
RL4215	150	RL4230	300

Specifications heat shrink tubing (1)	
Length	60mm
Specifications protective tube (2)	
Material	PVC
Color	Transparent
Dimensions	$960\text{mm}^{+50\text{mm}}_{-0\text{mm}} \times 12\text{mm} \times 15\text{mm}$

Length (m)	Reel Weight (KG)	Reel dimension (mm)
120	1.7	327 (H) x 345 (ø)
121-240	1.9	327 (H) x 400 (ø)
241-330	2.8	330 (H) x 450 (ø)
331-420	3.1	330 (H) x 480 (ø)
≥421	3.3	400 (H) x 480 (ø)

ACT

Drawn by : YMN

ACT Multimode Fiber Optic Indoor / Outdoor cable 50/125 OM3


Item : RL42xx-B2ca

Revision : 1.0

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Specifications fiber	
Fiber type	Multimode
Fiber class	OM3
Diameter core / cladding	50/125
Specifications optical performance	
Insertion Loss (IL) typical	0.1 dB
Insertion Loss (IL) maximum	0.15 dB
Return Loss (RL)	≥ 35 dB
Standard compliances	
IEC 61754-20	Fibre optic connector interfaces - Type LC connector family
IEC 61300-3-47	Examinations and measurements - End face geometry of PC/APC spherically polished ferrules using interferometry
IEC 60794-2-20	Indoor cables - Family specification for multi-fibre optical cables
IEC 60794-1-2	Basic optical cable test procedures
IEC 60332-1-2	Test for vertical flame propagation for a single insulated wire or cable
IEC 60754-1	Determination of the halogen acid gas content
IEC 60754-2	Determination of acidity (by pH measurement) and conductivity
IEC 61034-2	Measurement of smoke density of cables burning under defined conditions

	ACT Multimode Fiber Optic Indoor / Outdoor cable 50/125 OM3	
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