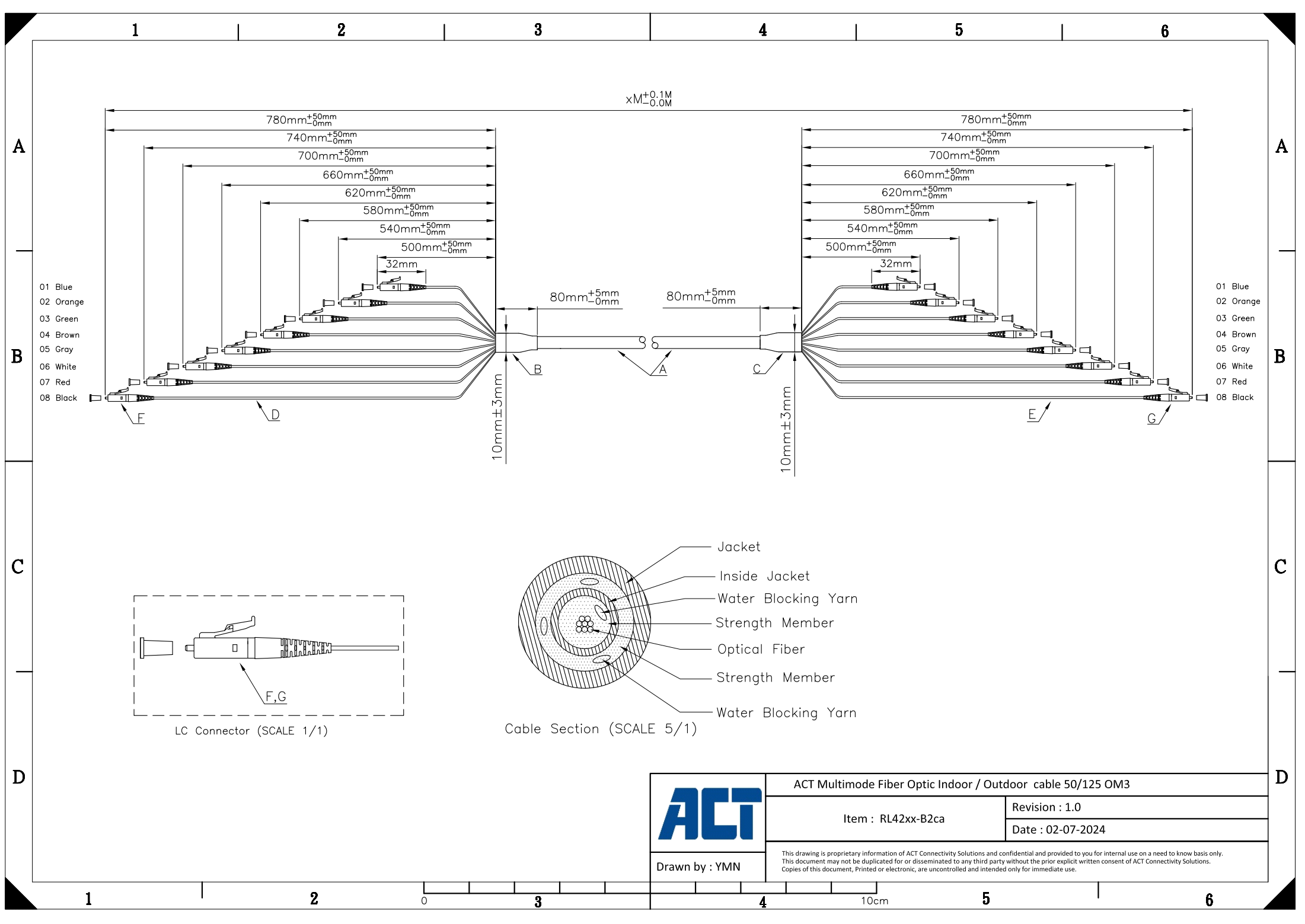




1	2	3	4	5	6
A					A
B					B
C					C
D					D
1	2	3	4	5	6



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

Item : RL42xx-B2ca	Revision : 1.0
	Date : 02-07-2024

Drawn by : YMN

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1

2

3

4

5

6

A

B

C

D

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
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)	
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

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)

1

2

0

3

4

5

6

10cm

ACT

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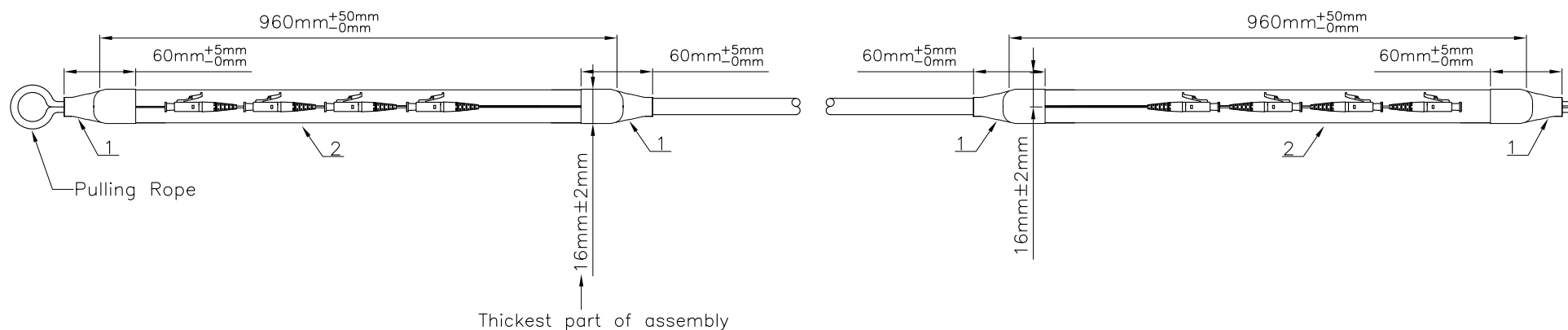
ACT Multimode Fiber Optic Indoor / Outdoor cable 50/125 OM3

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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

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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

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0 10cm