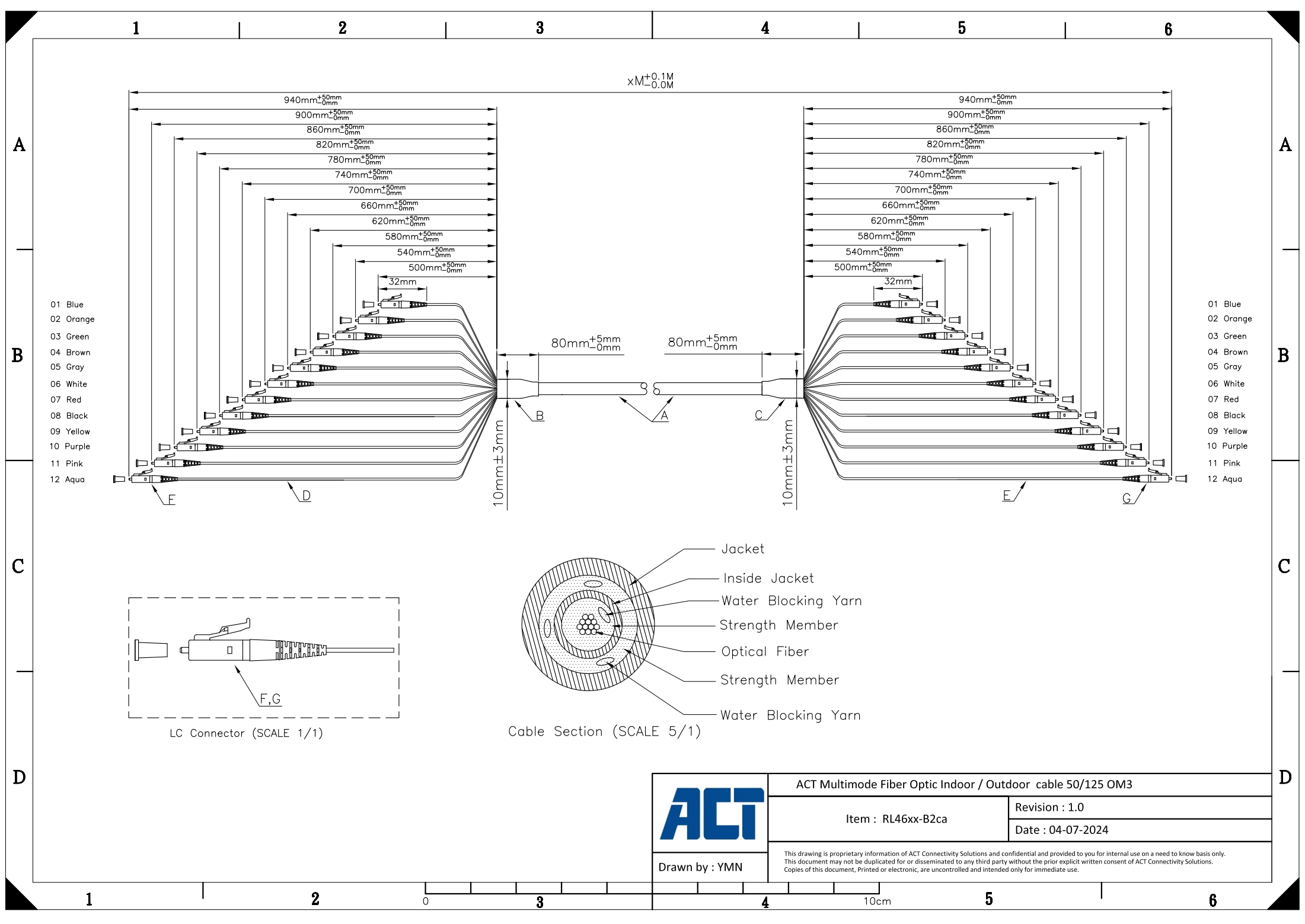




ACT Multimode Fiber Optic Indoor / Outdoor cable 50/125 OM3

Item : RL46xx-B2ca

Revision : 1.0

Date : 04-07-2024

Drawn by : YMN

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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 12F 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, Yellow, Purple, Pink, Aqua
Fanout length	500mm (+50mm-0mm) - 940mm (+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)



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

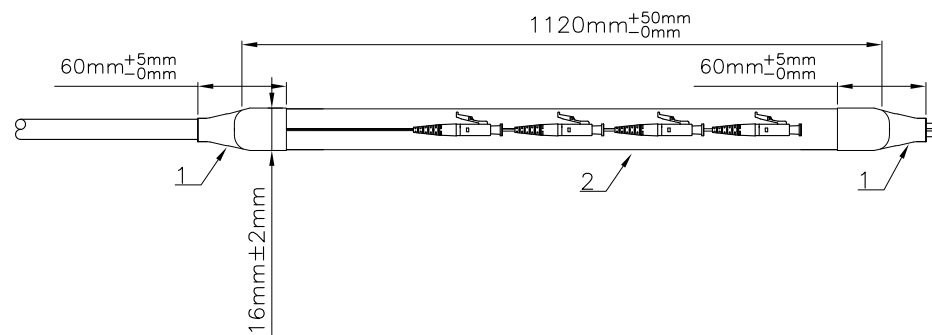
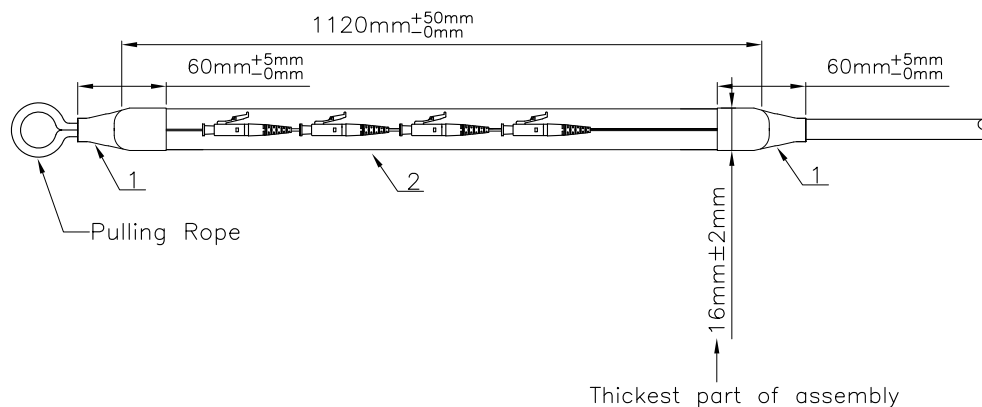
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Item	Length(m)	Item	Length(m)
RL4601	10	RL4616	160
RL4602	20	RL4617	170
RL4603	30	RL4618	180
RL4604	40	RL4619	190
RL4605	50	RL4620	200
RL4606	60	RL4621	210
RL4607	70	RL4622	220
RL4608	80	RL4623	230
RL4609	90	RL4624	240
RL4610	100	RL4625	250
RL4611	110	RL4626	260
RL4612	120	RL4627	270
RL4613	130	RL4628	280
RL4614	140	RL4629	290
RL4615	150	RL4630	300

Specifications heat shrink tubing (1)	
Length	60mm
Specifications protective tube (2)	
Material	PVC
Color	Transparent
Dimensions	1120mm(+50mm -0mm) x 12mm x 15mm

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)

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1	2	3	4	5	6	
A						A
B	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			
C	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			
	D					
 ACT Multimode Fiber Optic Indoor / Outdoor cable 50/125 OM3 Item : RL46xx-B2ca Revision : 1.0 Drawn by : YMN Date : 04-07-2024 <						



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0

3

4

10cm

5

6