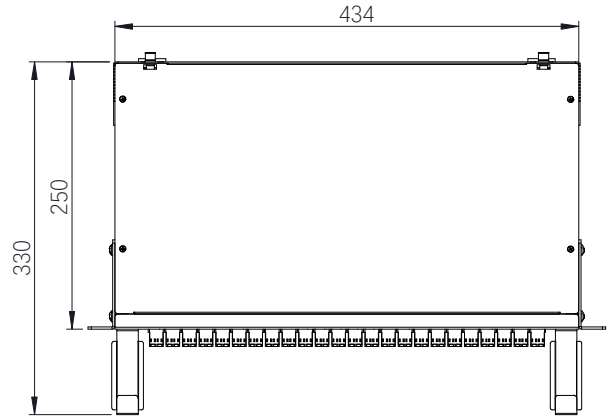
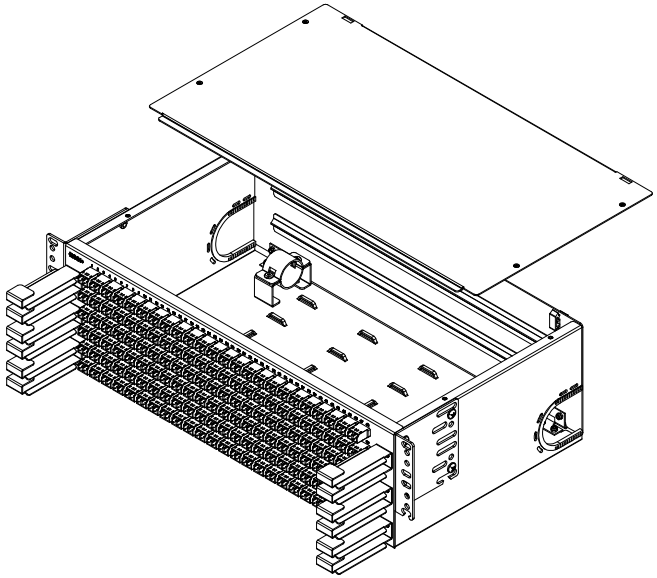
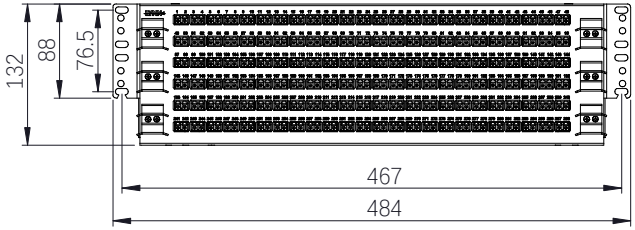


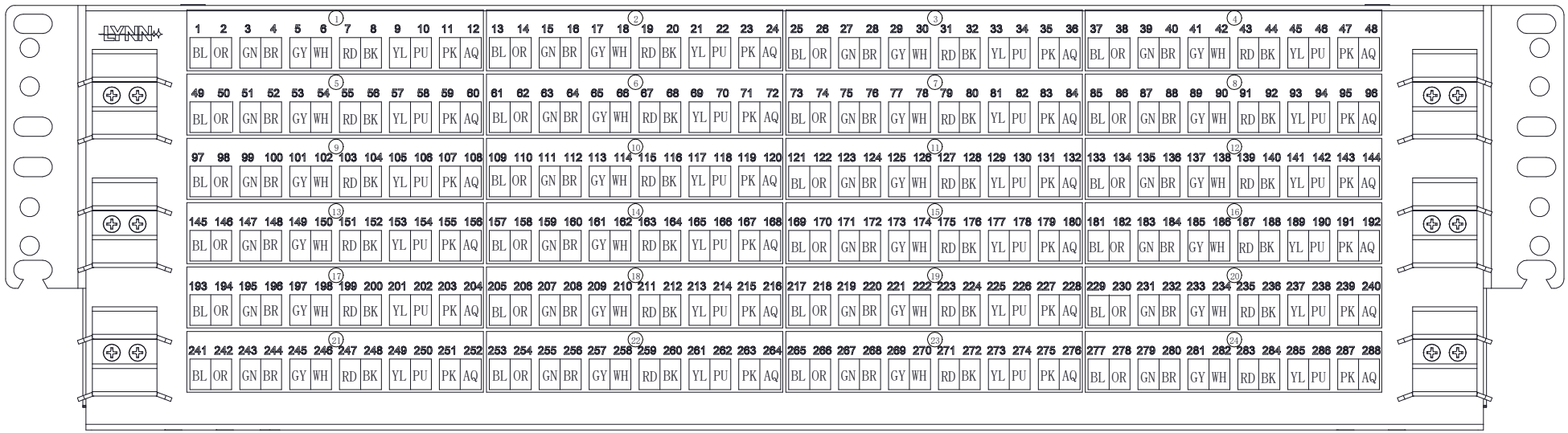






NOTE:
1.MATERIAL: SPCC
2.FINISH:BLACK POWDER COAT.

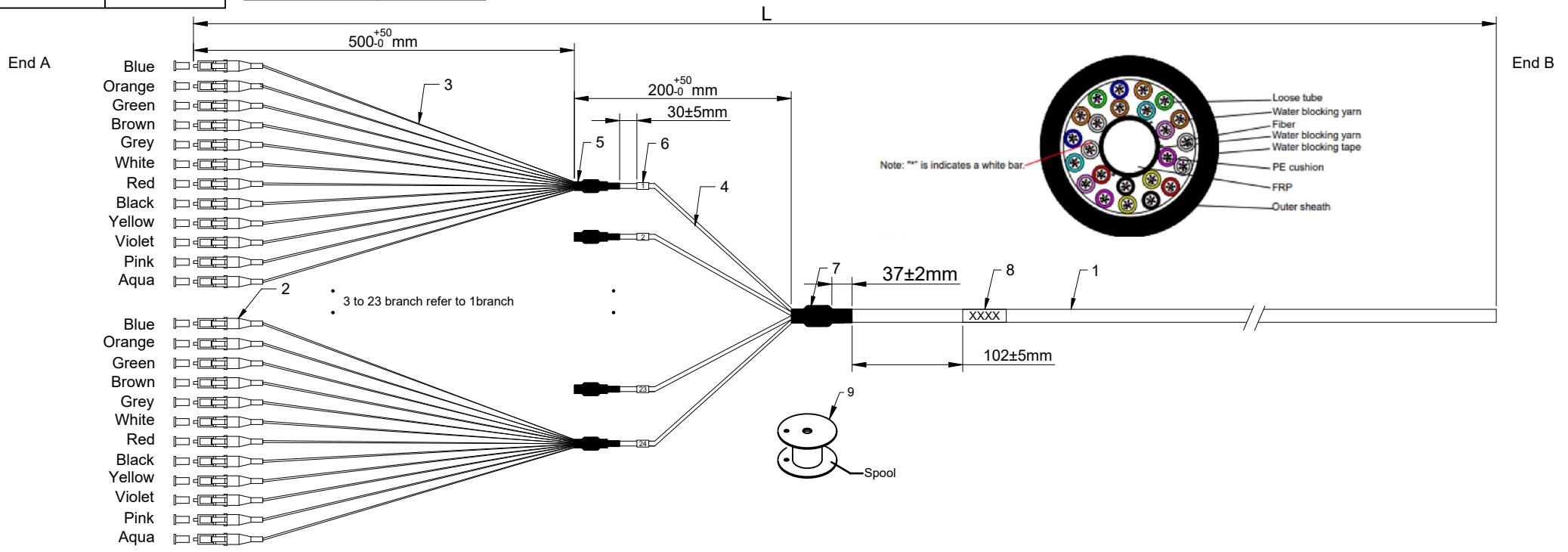
	SIGNATURE	DATE				
DRAWN	T. Hodson	2026-11-06	MAT'L	/	PRODUCT NO.	FRD-LCA1-288RD-SO-xxxF
CHK'D	J. Farrell	2026-11-06	UNITS	mm	PRODUCT NAME	Fiber Patch Panel Assembly
PROCESS	C. Branden	2026-11-06	SCALE		DRAWING NO.	
APPV'D	C. Hoskins	2026-11-06	TYPE OF PROJECTION		SHEET 2 OF 2	REV A3



	SIGNATURE	DATE	LYNN			
DRAWN	T. Hodson	2026-11-06	MAT'L	/	PRODUCT CODE	FRD-LCA1-288RD-SO-xxxF
CHK'D	J. Farrell	2026-11-06	UNITS	mm	PRODUCT NAME	Fiber Patch Panel Assembly
PROCESS	C. Branden	2026-11-06	SCALE		DRAWING NO.	
APPV'D	C. Hoskins	2026-11-06	TYPE OF PROJECTION		SHEET 2 OF 2	REV A3

L(m)	Tolerance(mm)
L<1	+50
1≤L<15	+100
15≤L<30	+150
L≥30	+400

Technical specification	
Insertion loss(dB)	≤0.20
Return loss(dB)	≥60
Wavelength(nm)	1310&1550



ITEM	P/N	SPECIFICATION	QTY	U/M
9		Spool	1	EA
8		Cable Label	1	EA
7		Fanout Kit	1	EA
6		Cable Marker	24	EA
5		Fanout Kit	24	EA
4		OD:3.0mm LSZH Simplex Black Tube	A/R	m
3		OD:0.9mm 12 Colors Simplex LSZH Tube	A/R	m
2		LC/APC SM Simplex 0.9mm Connector(Green Housing Green Boot)	288	EA
1		OD:19.4mm,Singlemode 9/125,G657A1,288F Round Cable GYFY,HDPE,Color:Black	A/R	m

	SIGNATURE	DATE				
DRAWN	T. Hodson	2026/11/09	MAT'L		CUSTOMER NO.	FRD-LCA1-288RD-SO-xxxF
CHK'D	J. Farrell	2026/11/09	UNITS	mm	PRODUCT NAME	Pigtail LC/APC 288F SM GYFY
PROCESS	C. Branden	2026/11/09	SCALE		DRAWING NO.	
APPV'D	C. Hoskins	2026/11/09	TYPE OF PROJECTION		SHEET 1 OF 7	REV A1

Color table						
END A					END B	
PBT Loose tube color	fiber color&2.0Furcation Tube color	3.0 Furcation Tube color	Cable Marker		PBT Loose tube color	fiber color
Blue	Blue	Black	1		Blue	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Orange	Blue	Black	2		Orange	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Green	Blue	Black	3		Green	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Brown	Blue	Black	4		Brown	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua

	SIGNATURE	DATE				
DRAWN	T. Hodson	2026/11/09	MAT'L		CUSTOMER NO.	FRD-LCA1-288RD-SO-xxxF
CHK'D	J. Farrell	2026/11/09	UNITS	mm	PRODUCT NAME	Pigtail LC/APC 288F SM GYFY
PROCESS	C. Branden	2026/11/09	SCALE		DRAWING NO.	
APPV'D	C. Hoskins	2026/11/09	TYPE OF PROJECTION		SHEET 2 OF 7	REV A1

Color table						
END A					END B	
PBT Loose tube color	fiber color&2.0Furcation Tube color	3.0 Furcation Tube color	Cable Marker		PBT Loose tube color	fiber color
Grey	Blue	Black	5		Grey	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
White	Blue	Black	6		White	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Red	Blue	Black	7		Red	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Black	Blue	Black	8		Black	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua

	SIGNATURE	DATE				
DRAWN	T. Hodson	2026/11/09	MAT'L		CUSTOMER NO.	FRD-LCA1-288RD-SO-xxxF
CHK'D	J. Farrell	2026/11/09	UNITS	mm	PRODUCT NAME	Pigtail LC/APC 288F SM GYFY
PROCESS	C. Branden	2026/11/09	SCALE		DRAWING NO.	
APPV'D	C. Hoskins	2026/11/09	TYPE OF PROJECTION		SHEET 3 OF 7	REV A1

Color table						
END A					END B	
PBT Loose tube color	fiber color&2.0Furcation Tube color	3.0 Furcation Tube color	Cable Marker		PBT Loose tube color	fiber color
Yellow	Blue	Black	9		Yellow	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Violet	Blue	Black	10		Violet	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Pink	Blue	Black	11		Pink	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Aqua	Blue	Black	12		Aqua	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua

	SIGNATURE	DATE	LYNN			
DRAWN	T. Hodson	2026/11/09	MAT'L		CUSTOMER NO.	FRD-LCA1-288RD-SO-xxxF
CHK'D	J. Farrell	2026/11/09	UNITS	mm	PRODUCT NAME	Pigtail LC/APC 288F SM GYFY
PROCESS	C. Branden	2026/11/09	SCALE		DRAWING NO.	
APPV'D	C. Hoskins	2026/11/09	TYPE OF PROJECTION		SHEET 4 OF 7	REV A1

Color table						
END A					END B	
PBT Loose tube color	fiber color&2.0Furcation Tube color	3.0 Furcation Tube color	Cable Marker		PBT Loose tube color	fiber color
Blue•	Blue	Black	13		Blue•	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Orange•	Blue	Black	14		Orange•	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Green•	Blue	Black	15		Green•	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Brown•	Blue	Black	16		Brown•	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua

	SIGNATURE	DATE				
DRAWN	T. Hodson	2026/11/09	MAT'L		CUSTOMER NO.	FRD-LCA1-288RD-SO-xxxF
CHK'D	J. Farrell	2026/11/09	UNITS	mm	PRODUCT NAME	Pigtail LC/APC 288F SM GYFY
PROCESS	C. Branden	2026/11/09	SCALE		DRAWING NO.	
APPV'D	C. Hoskins	2026/11/09	TYPE OF PROJECTION		SHEET 5 OF 7	REV A1

Color table						
END A					END B	
PBT Loose tube color	fiber color&2.0Furcation Tube color	3.0 Furcation Tube color	Cable Marker		PBT Loose tube color	fiber color
Grey•	Blue	Black	17		Grey•	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
White•	Blue	Black	18		White•	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Red•	Blue	Black	19		Red•	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Black•	Blue	Black	20		Black•	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua

	SIGNATURE	DATE				
DRAWN	T. Hodson	2026/11/09	MAT'L		CUSTOMER NO.	FRD-LCA1-288RD-SO-xxxF
CHK'D	J. Farrell	2026/11/09	UNITS	mm	PRODUCT NAME	Pigtail LC/APC 288F SM GYFY
PROCESS	C. Branden	2026/11/09	SCALE		DRAWING NO.	
APPV'D	C. Hoskins	2026/11/09	TYPE OF PROJECTION		SHEET 6 OF 7	REV A1

Color table						
END A					END B	
PBT Loose tube color	fiber color&2.0Furcation Tube color	3.0 Furcation Tube color	Cable Marker		PBT Loose tube color	fiber color
Yellow•	Blue	Black	21		Yellow•	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Violet•	Blue	Black	22		Violet•	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Pink•	Blue	Black	23		Pink•	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua
Aqua•	Blue	Black	24		Aqua•	Blue
	Orange					Orange
	Green					Green
	Brown					Brown
	Grey					Grey
	White					White
	Red					Red
	Black					Black
	Yellow					Yellow
	Violet					Violet
	Pink					Pink
	Aqua					Aqua

	SIGNATURE	DATE				
DRAWN	T. Hodson	2026/11/09	MAT'L		CUSTOMER NO.	FRD-LCA1-288RD-SO-xxxF
CHK'D	J. Farrell	2026/11/09	UNITS	mm	PRODUCT NAME	Pigtail LC/APC 288F SM GYFY
PROCESS	C. Branden	2026/11/09	SCALE		DRAWING NO.	
APPV'D	C. Hoskins	2026/11/09	TYPE OF PROJECTION		SHEET 7 OF 7	REV A1