



FTTH PROJECT TRACKER EXAMPLE

SANITIZED CUSTOMER-FACING PDF EXCERPT

WHAT THIS EXCERPT SHOWS

Project setup, route and terminal tracking, closure-port records, optical-loss planning, quality checks, and a formula-linked network map.

CUSTOMIZED FOR EACH CUSTOMER

The working tracker can be configured with the customer's logo, project fields, node types, status choices, distance units, optical assumptions, and required reporting columns.

PUBLIC SAMPLE NOTICE

This excerpt uses example rows and placeholders. The editable workbook and formulas are not published. A fuller working sample can be provided directly upon request.



TEMPLATE OVERVIEW

	A	B	C	D	E	F
1						
2						
3						
4						
5						
6	Item					
7	Purpose	Tr				
8	Data flow	PR				
9	Cell colors	Pa				
10	Controls	Dr				
11						
12						
13	Worksheet		Purpose		Worksheet	
14	PROJECT SETUP	Project information and assumptions.	Editable distance/loss assumptions.		ROUTE TRACKER	
15	TERMINALS	Terminal segment distance, total reach, status, and route-node validation.			CLOSURE PORTS	
16	MAP BLOCKS	Formula-linked route view.	Cards for a simple one-line network view.		FORMULA GUIDE	
17	LISTS	Dropdown choices used by the tracking sheets.				
18						
19						
20						
21						
22						
23	1					
24	2					
25	3					
26	4					
27	5					
28	6					
29	7					
30						
31						
32						



PROJECT SETUP AND ASSUMPTIONS

	A	B	C
1			
2			
3			
4			
5	Project Name	[ENTER PROJECT NAME]	
6	Project ID	[ENTER PROJECT ID]	
7	Client / Owner	[ENTER CLIENT / OWNER]	
8	Hub Name	[ENTER HUB NAME]	
9	Hub Address / Map URL	[ENTER HUB ADDRESS OR MAP URL]	
10	Week Ending		2026-08-29
11	Prepared By	[ENTER PREPARED BY]	
12	Revision	[ENTER REVISION]	
13			
14			
15	Assumption	Value	Use
16	Feet per mile	5,280	Converts cumulative feet to miles
17	Fixed end / connector allowance (dB)	0.20	Planning allowance used in loss formulas
18	Fiber attenuation at 1310 nm (dB/mi)	0.57	Editable 1310-nm planning coefficient
19	Fiber attenuation at 1550 nm (dB/mi)	0.42	Editable 1550-nm planning coefficient
20	Splice allowance (dB each)	0.05	Editable loss allowance per splice
21	Default splice count	4	Used only when ROUTE TRACKER splice count is blank
22			
23			



ROUTE INPUTS AND FIELD RECORDS

	A	B	C	D	E	F	G	H	I	J	K
1	ROUTE TRACKER										
2											
3	Replace the four EXAMPLE rows. Pale-orange columns are inputs. Light-gray columns calculate. Parent Node ID must refer to a node listed on an earlier row.										
4											
5											
6	Seq	FSA	Parent Node ID	Road / Location	Plant Section / Cable ID	Node No.	Node / Closure ID	Node Type	Fiber Count	Segment Length (ft)	Cumulative (ft)
7	1	FSA01		Hub Road	BB.01.00	1	EXAMPLE-HUB	Hub ▼	288	5,000	5,000
8	2	FSA01	EXAMPLE-HUB	Main St	HS01.01.01	2	EXAMPLE-S01	Butt Closure ▼	288	800	5,800
9	3	FSA01	EXAMPLE-S01	Main St	HS01.01.02	3	EXAMPLE-S02	Ring Closure ▼	96	1,200	7,000
10	4	FSA01	EXAMPLE-S01	Branch Rd	HS01.02.01	4	EXAMPLE-S03	Ring Closure ▼	48	600	6,400

CALCULATED DISTANCE, LOSS, STATUS, AND QC

K	L	M	N	O	P	Q	R	S	T
Cumulative (ft)	Miles	Splice Count	Loss 1310 (dB)	Loss 1550 (dB)	Status	Owner / Crew	GPS / Address	Notes	QC
5,000	0.95	1	0.79	0.65	In Design ▼	Crew A		Replace this example with the project hub or first route node	OK
5,800	1.10	4	1.03	0.86	Not Started ▼	Crew A		Example trunk node	OK
7,000	1.33	5	1.21	1.01	Not Started ▼	Crew A		Example downstream node	OK
6,400	1.21	3	1.04	0.86	Not Started ▼	Crew A		Example branch from EXAMPLE-S01	OK



TERMINAL AND CLOSURE RECORDS

TERMINAL REACH TRACKER

	A	B	C	D	E	F	G	H	I	J	K	L
1	TERMINAL REACH TRACKER											
2												
3	Terminal total reach = parent node cumulative route footage + terminal segment footage. Pale-orange columns are inputs; light-gray columns calculate.											
4												
5												
6	FSA	Parent Node ID	Terminal ID	Port	Terminal Segment (ft)	Node Cumulative (ft)	Total Reach (ft)	Total Reach (mi)	Status	GPS / Address	Notes	QC
7	FSA01	EXAMPLE-S01	EXAMPLE-T01	1	85	5,800	5,885	1.11	Not Started		Replace example	OK
8	FSA01	EXAMPLE-S01	EXAMPLE-T02	2	250	5,800	6,050	1.15	Not Started		Replace example	OK
9	FSA01	EXAMPLE-S02	EXAMPLE-T03	1	410	7,000	7,410	1.40	Not Started		Replace example	OK
10	FSA01	EXAMPLE-S02	EXAMPLE-T04	2	125	7,000	7,125	1.35	Not Started		Replace example	OK
11	FSA01	EXAMPLE-S03	EXAMPLE-T05	1	300	6,400	6,700	1.27	Not Started		Replace example	OK

CLOSURE PORT AND CABLE-SEQUENTIAL RECORD

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	CLOSURE PORT AND CABLE-SEQUENTIAL RECORD															
2																
3	Use one row per closure port or branch. Keep cable sequential, port direction, tape color, terminals served, splicing, testing, and notes visible and filterable.															
4																
5																
6	Closure ID	Closure Type	Cable Sequential	Port	Direction	Fiber Count	Cable / Plant Section ID	Tape Color	Cable Length (ft)	Terminals Served	Spliced By	Date Spliced	Tested By	Date Tested	Notes	QC
7	EXAMPLE-S01	Butt	Sequential	1 IN		288	BB.01.00	Blue	120						Replace example	OK
8	EXAMPLE-S01	Butt	Sequential	2 OUT		288	HS01.01.01	Orange	120						Replace example	OK
9	EXAMPLE-S01	Butt	Sequential	3 BRANCH		96	HS01.02.01	Green	120	EXAMPLE-T01 / T02					Replace example	OK
10	EXAMPLE-S02	Ring	Sequential	1 THROUGH		96	HS01.01.02	Blue	120	EXAMPLE-T03 / T04					Replace example	OK



FORMULA-LINKED NETWORK MAP

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1																								
2																								
3																								
4																								
5																								
6		Tracker row 7						Tracker row 8						Tracker row										
7																								
8		Hub Road						Main St						Main St										
9		BB.01.00					1	HS01.01.01					2	HS01.01.02										
10		288 F					EXAMPLE-HUB	288 F					EXAMPLE-S02	EXAMPLE-S01										
11		5,000					5,000	0.95					800	1.33					5,800	1.10				
12		0.8					0.6	In Design					1.0	Not Started					0.9	Not Started				
13		Terminals: 0					OK	Terminals: 2					OK	Terminals: 2					OK	Terminals: 2				
14																								
15																								
16																								
17																								
18																								
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22																								
23																								
24																								
25																								
26																								
27																								
28																								
29																								
30																								
31		Card row						Card row						Card row										
32		Road					Road or location	Orange					Calculated 1310-nm loss											
33		Plant / No.					Plant section or cable ID and route sequence	Steel					Calculated 1550-nm loss											
34		Fiber / Node					Fiber count and closure/node ID	Status					Pulled from ROUTE TRACKER											
35		Orange / white					Segment feet / cumulative feet / cumulative miles	Bottom					Terminal count and QC result											