KITS™ Live Data Capture Worksheet

KINGFISHER

Verson 4.17

Manual data entry cells
Programmed cells / Manual entry
Program output. User can't change

Job Details / Site Data

Job No		Project		Report Date	16/2/2024	Terminal ID	Source / LTS Type	S/N	Meter / LTS Type	S/N			
Operator		Operator		Report/File No	Report-20240216	A				25282			
				Channel/Perm Link	Link	B							

Test Parameter Setup

Cable Parameters

		Max allowed length	meter	
Number of Tests	50	**L** = Fiber length	meter	800
FT= Fiber Type	OS1	**NS** = Number of Splices		2
'A' connector type	LC	**NC** = Number of Connectors		2
'B' Connector type	LC			
Reference Cords	3 Cord	**ND** = Number of other Devices		0
Reference End	Local	Test Direction		B to A

Pass/Fail Calculation - industry norm / international standard based

Max Loss = R + F*L + SL*NS + [CT|CL]*NC + DL*ND

Optical Parameters

Wavelength	**1310**
F = Fiber attenuation, dB/Km	1
SL = Splice loss, dB	0,3
CT = Connector 1-2 loss, dB	0,5
CL = Connector other loss, dB	0,75
DL = Device insertion loss, dB	0
R = Meas Allowance, dB	0
UA = Meas Uncertainty, dB	0
Pass / Fail Link Loss, dB	1,40
Pass / Fail Channel Loss, dB	
Pass / Fail ORL Loss, dB	0,00

Test Setup Summary

Applied Standard: **TIA-568.3-D SM Channel - Inside Plant 492CAAB (Issue: 1/10**

50 fibers OS1

Meter @

A <<<<< B

LC LC

Length = 800 meter

Prop Delay = -- ns

Local Reference

Statistical Analysis

	Loss			ORL		
λ	Min	Mean	Max	Min	Mean	Max
1310	0,37	1,18	4,04	0,00	0,00	0,00

Test Results (Data Is Secure)

Fiber Details					Loss Limit		Insertion Loss (IL) Results dB								ORL Results dB			Meas Uncert	Pass/Fail/Marginal & Time		Data Identification					
Fiber ID		Length	No. of	No. of	λ	Max Loss	Direction A->B			Direction B->A			Average	IL	Direction		ORL				Memory Location		ID_TAG		Memory	Serial Number	
A	B	meter	Splices	Connectors	nm	dB	Ref A	Meas B	IL A->B	Ref B	Meas A	IL B->A	IL	Margin	A	B	Margin	UA	P/F/M	TimeTag	"A"	"B"	"A"	"B"	Type	"A"	"B"
1	1	800	2	2	1310	1,40				-3,39	-4,09	0,70		0,70					PASS	16/02/24 21:35:00	1		____001		Meter	25282	0
2	2	800	2	2	1310	1,40				-3,39	-3,94	0,55		0,85					PASS	16/02/24 21:35:00	2		____002		Meter	25282	0
3	3	800	2	2	1310	1,40				-3,39	-5,71	2,32							FAIL	16/02/24 21:35:00	3		____003		Meter	25282	0
4	4	800	2	2	1310	1,40				-3,39	-4,72	1,33		0,07					PASS	16/02/24 21:35:00	4		____004		Meter	25282	0
5	5	800	2	2	1310	1,40				-3,39	-4,01	0,62		0,78					PASS	16/02/24 21:35:00	5		____005		Meter	25282	0
6	6	800	2	2	1310	1,40				-3,39	-4,08	0,69		0,71					PASS	16/02/24 21:35:00	6		____006		Meter	25282	0
7	7	800	2	2	1310	1,40				-3,39	-4,83	1,44							FAIL	16/02/24 21:35:00	7		____007		Meter	25282	0
8	8	800	2	2	1310	1,40				-3,39	-4,72	1,33		0,07					PASS	16/02/24 21:35:00	8		____008		Meter	25282	0
9	9	800	2	2	1310	1,40				-3,39	-3,95	0,56		0,84					PASS	16/02/24 21:35:00	9		____009		Meter	25282	0
10	10	800	2	2	1310	1,40				-3,39	-3,79	0,40		1,00					PASS	16/02/24 21:35:00	10		____010		Meter	25282	0
11	11	800	2	2	1310	1,40				-3,39	-4,79	1,40		0,00					PASS	16/02/24 21:35:00	11		____011		Meter	25282	0
12	12	800	2	2	1310	1,40				-3,39	-4,51	1,12		0,28					PASS	16/02/24 21:35:00	12		____012		Meter	25282	0
13	13	800	2	2	1310	1,40				-3,39	-4,11	0,72		0,68					PASS	16/02/24 21:35:00	13		____013		Meter	25282	0
14	14	800	2	2	1310	1,40				-3,39	-4,23	0,84		0,56					PASS	16/02/24 21:35:00	14		____014		Meter	25282	0
15	15	800	2	2	1310	1,40				-3,39	-4,62	1,23		0,17					PASS	16/02/24 21:35:00	15		____015		Meter	25282	0
16	16	800	2	2	1310	1,40				-3,39	-4,75	1,36		0,04					PASS	16/02/24 21:35:00	16		____016		Meter	25282	0
17	17	800	2	2	1310	1,40				-3,39	-4,57	1,18		0,22					PASS	16/02/24 21:35:00	17		____017		Meter	25282	0
18	18	800	2	2	1310	1,40				-3,39	-4,52	1,13		0,27					PASS	16/02/24 21:35:00	18		____018		Meter	25282	0
19	19	800	2	2	1310	1,40				-3,39	-4,81	1,42							FAIL	16/02/24 21:35:00	19		____019		Meter	25282	0
20	20	800	2	2	1310	1,40				-3,39	-5,44	2,05							FAIL	16/02/24 21:35:00	20		____020		Meter	25282	0
21	21	800	2	2	1310	1,40				-3,39	-5,62	2,23							FAIL	16/02/24 21:35:00	21		____021		Meter	25282	0
22	22	800	2	2	1310	1,40				-3,39	-4,48	1,09		0,31					PASS	16/02/24 21:35:00	22		____022		Meter	25282	0
23	23	800	2	2	1310	1,40				-3,39	-4,07	0,68		0,72					PASS	16/02/24 21:35:00	23		____023		Meter	25282	0
24	24	800	2	2	1310	1,40				-3,39	-4,28	0,89		0,51					PASS	16/02/24 21:35:00	24		____024		Meter	25282	0
25	25	800	2	2	1310	1,40				-3,39	-3,86	0,47		0,93					PASS	16/02/24 21:35:00	25		____025		Meter	25282	0
26	26	800	2	2	1310	1,40				-3,39	-4,07	0,68		0,72					PASS	16/02/24 21:35:00	26		____026		Meter	25282	0
27	27	800	2	2	1310	1,40				-3,39	-4,07	0,68		0,72					PASS	16/02/24 21:35:00	27		____027		Meter	25282	0
28	28	800	2	2	1310	1,40				-3,39	-4,12	0,73		0,67					PASS	16/02/24 21:35:00	28		____028		Meter	25282	0
29	29	800	2	2	1310	1,40				-3,39	-4,16	0,77		0,63					PASS	16/02/24 21:35:00	29		____029		Meter	25282	0
30	30	800	2	2	1310	1,40				-3,39	-4,10	0,71		0,69					PASS	16/02/24 21:35:00	30		____030		Meter	25282	0