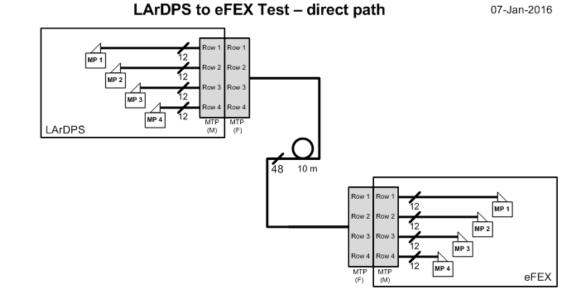
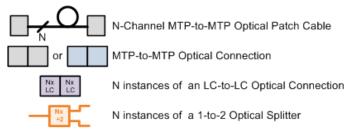
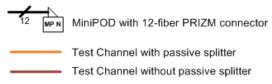
## LArDPS to eFEX Test -- direct path

## LArDPS to eFEX Test Configuration -- direct path

High level diagram of LArDPS to eFEX light path (trivial case)

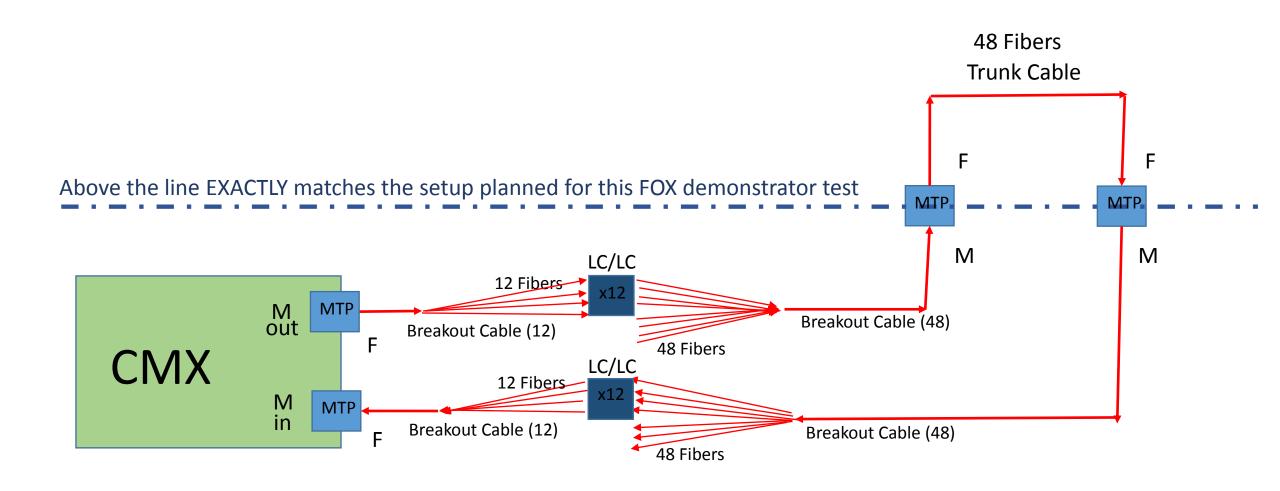




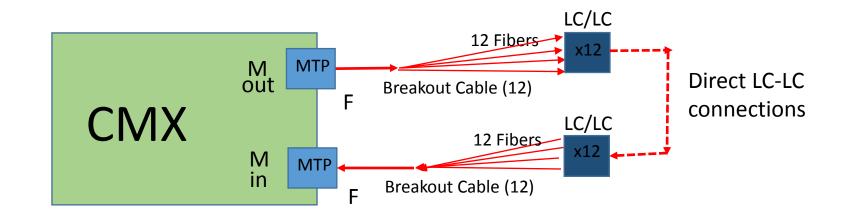


### Note:

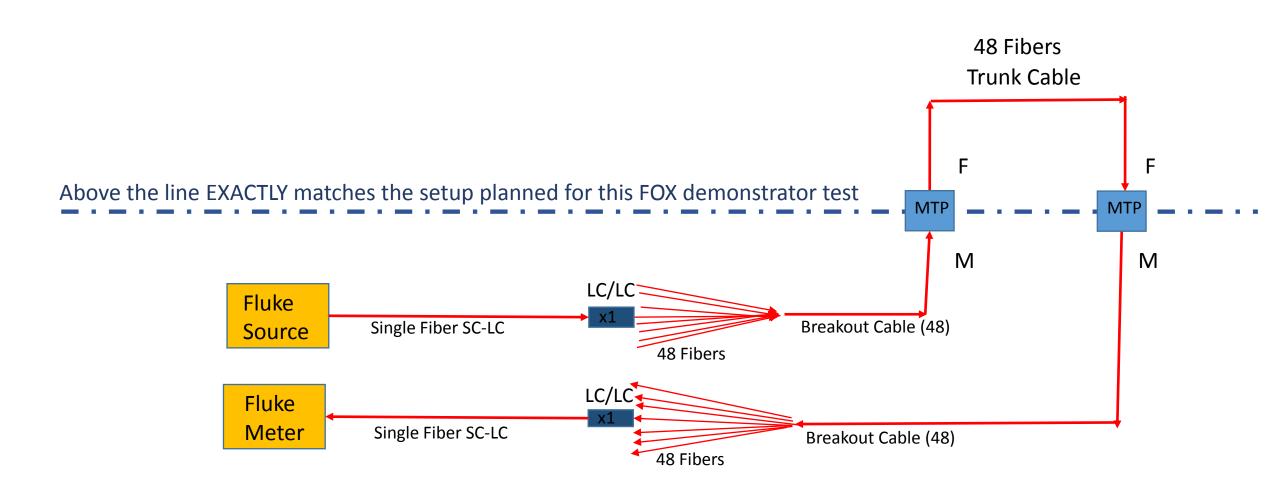
All 48 channels of the LArDPS test module outputs are instrumented.
All 48 channels of the eFEX test module inputs are instrumented.
The default channel mapping is one-to-one.
Additional test configurations with any arbitrary mapping may
be specified and will be available as needed.



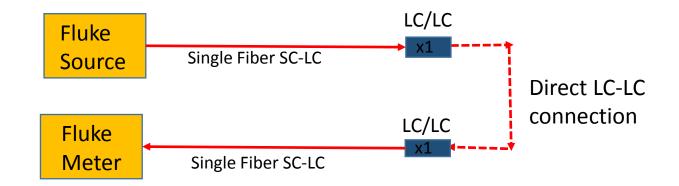
**LArDPS** to **eFEX** Test Configuration – **direct** path: offset **calibration** with **CMX** 



**LArDPS** to **eFEX** Test Configuration – **direct** path: Optical Insertion Loss **Measurement** with **Fluke** handheld meter



**LArDPS** to **eFEX** Test Configuration – **direct** path: offset **calibration** with **Fluke** handheld meter

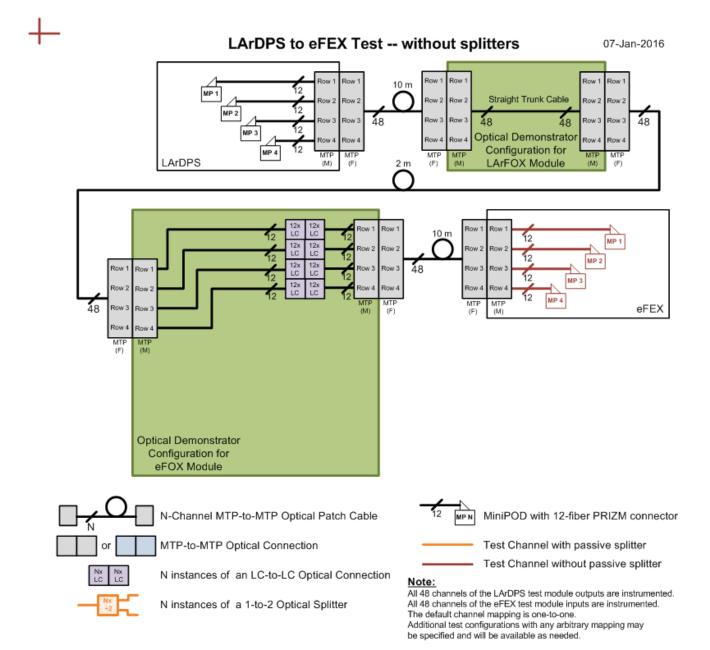


### LArDPS to eFEX Test

-- without splitters

LArDPS to eFEX
Test Configuration
-- without splitters

High level diagram of LArDPS to eFEX light paths



### LArDPS to eFEX

**Test Configuration** 

-- without splitters

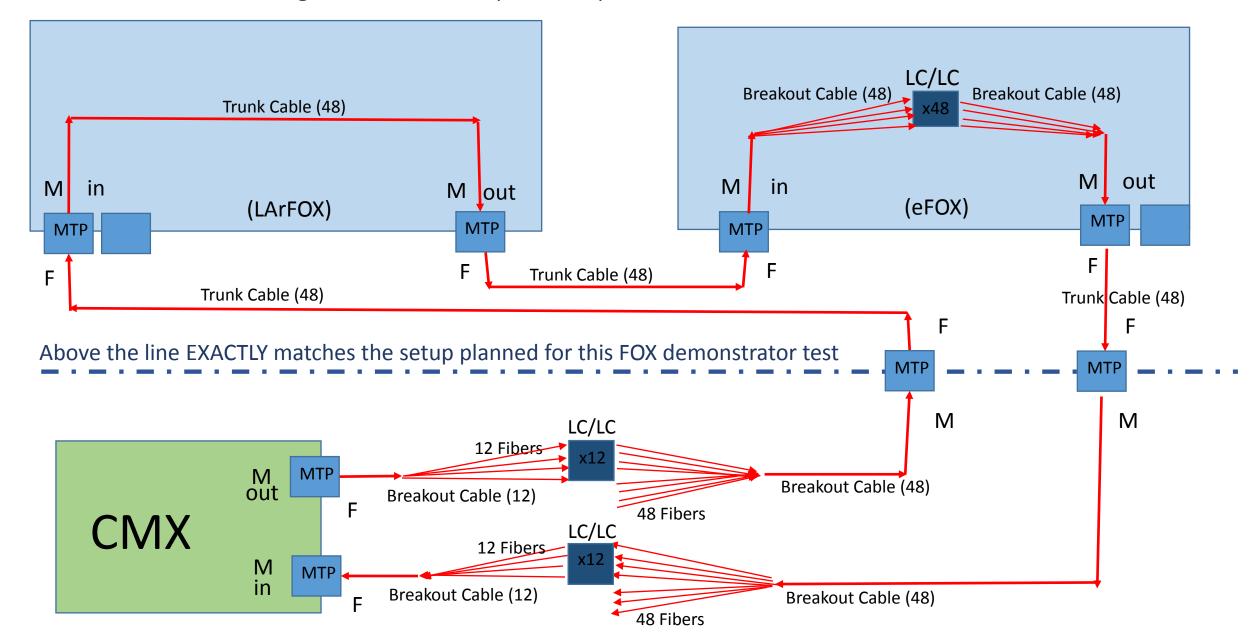
Detailed connection map between all modules

### FOX Demonstrator Test Configuration: LArDPS-eFEX #2 48 in, 48 out, 1-to-1 mapping, no splitting

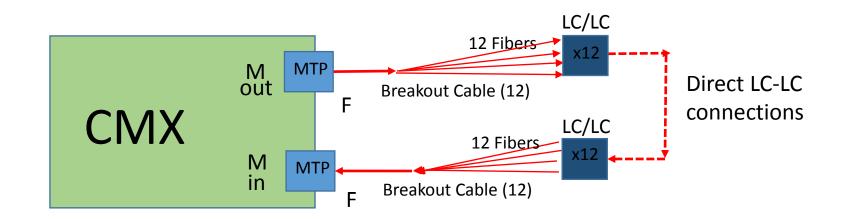
		10.	DDC Mar		s out, 1-to		_			TV 84-4.	ı.
	c-2015				Module		eFOX Module		gFEX Modu		
	per				LArDPS	LArDPS	LArDPS	LArDPS	LArDPS	MTP Row	Relative
	nber	a.k.a.	MiniPOD	Source	Channel	Channel	Channel	Channel	Channel	a.k.a.	MiniPOD
at N		MiniPOD	Channel	LArDPS	at	at	at	at	at	MiniPOD	Channel
Conn		number	Number	Channel	Input	Output	Input	Output	Input	number	Number
	1	1	1	1-1	1-1	1-1	1-1	1-1	1-1	1	1
1 3	2	1	2	1-2	1-2	1-2	1-2	1-2	1-2	1	2
1 3	3	1	3	1-3	1-3	1-3	1-3	1-3	1-3	1	3
	4	1	4	1-4	1-4	1-4	1-4	1-4	1-4	1	4
	5 6	1	5	1-5	1-5	1-5	1-5	1-5	1-5	1	5 6
		1	6	1-6	1-6	1-6	1-6	1-6	1-6	1	
	7	1	7	1-7	1-7	1-7	1-7	1-7	1-7	1	7
	В	1	8	1-8	1-8	1-8	1-8	1-8	1-8	1	8
	9	1	9	1-9	1-9	1-9	1-9	1-9	1-9	1	9
	.0	1	10	1-10	1-10	1-10	1-10	1-10	1-10	1	10
	1	1	11	1-11	1-11	1-11	1-11	1-11	1-11	1	11
	.2	2	12	1-12	1-12	1-12	1-12	1-12	1-12	2	12
	.3 .4	2	1 2	2-1 2-2	2-1 2-2	2-1 2-2	2-1 2-2	2-1 2-2	2-1 2-2	2	1 2
	.5	2	3	2-2	2-2	2-2	2-2	2-2	2-2	2	3
	.6	2	4	2-3	2-3	2-3	2-3	2-3	2-3	2	4
	.7	2	5	2-5	2-5	2-4	2-5	2-4	2-4	2	5
	.8	2	6	2-6	2-6	2-6	2-6	2-6	2-6	2	6
	9	2	7	2-7	2-7	2-7	2-7	2-7	2-7	2	7
	0	2	8	2-8	2-8	2-8	2-8	2-8	2-8	2	8
	1	2	9	2-9	2-9	2-9	2-9	2-9	2-9	2	9
	2	2	10	2-10	2-10	2-10	2-10	2-10	2-10	2	10
	3	2	11	2-11	2-11	2-11	2-11	2-11	2-11	2	11
	4	2	12	2-12	2-12	2-12	2-12	2-12	2-12	2	12
2	5	3	1	3-1	3-1	3-1	3-1	3-1	3-1	3	1
	6	3	2	3-2	3-2	3-2	3-2	3-2	3-2	3	2
	7	3	3	3-3	3-3	3-3	3-3	3-3	3-3	3	3
	8	3	4	3-4	3-4	3-4	3-4	3-4	3-4	3	4
	.9	3	5	3-5	3-5	3-5	3-5	3-5	3-5	3	5
	0	3	6	3-6	3-6	3-6	3-6	3-6	3-6	3	6
	1	3	7	3-7	3-7	3-7	3-7	3-7	3-7	3	7
	2	3	8	3-8	3-8	3-8	3-8	3-8	3-8	3	8
	3	3	9	3-9	3-9	3-9	3-9	3-9	3-9	3	9
	4	3	10	3-10	3-10	3-10	3-10	3-10	3-10	3	10
	5	3	11	3-11	3-11	3-11	3-11	3-11	3-11	3	11
	7	4	12 1	3-12 4-1	3-12 4-1	3-12 4-1	3-12 4-1	3-12 4-1	3-12 4-1	4	12 1
	8	4	2	4-1 4-2	4-1 4-2	4-1	4-1 4-2	4-1 4-2	4-1 4-2	4	2
	9	4	3	4-2 4-3	4-2 4-3	4-2 4-3	4-2	4-2 4-3	4-2 4-3	4	3
	.0	4	4	4-4	4-4	4-3	4-4	4-3	4-4	4	4
	1	4	5	4-5	4-5	4-5	4-5	4-4	4-5	4	5
	2	4	6	4-6	4-6	4-6	4-6	4-6	4-6	4	6
	3	4	7	4-7	4-7	4-7	4-7	4-7	4-7	4	7
	4	4	8	4-8	4-8	4-8	4-8	4-8	4-8	4	8
	.5	4	9	4-9	4-9	4-9	4-9	4-9	4-9	4	9
	6	4	10	4-10	4-10	4-10	4-10	4-10	4-10	4	10
	7	4	11	4-11	4-11	4-11	4-11	4-11	4-11	4	11
4	8	4	12	4-12	4-12	4-12	4-12	4-12	4-12	4	12

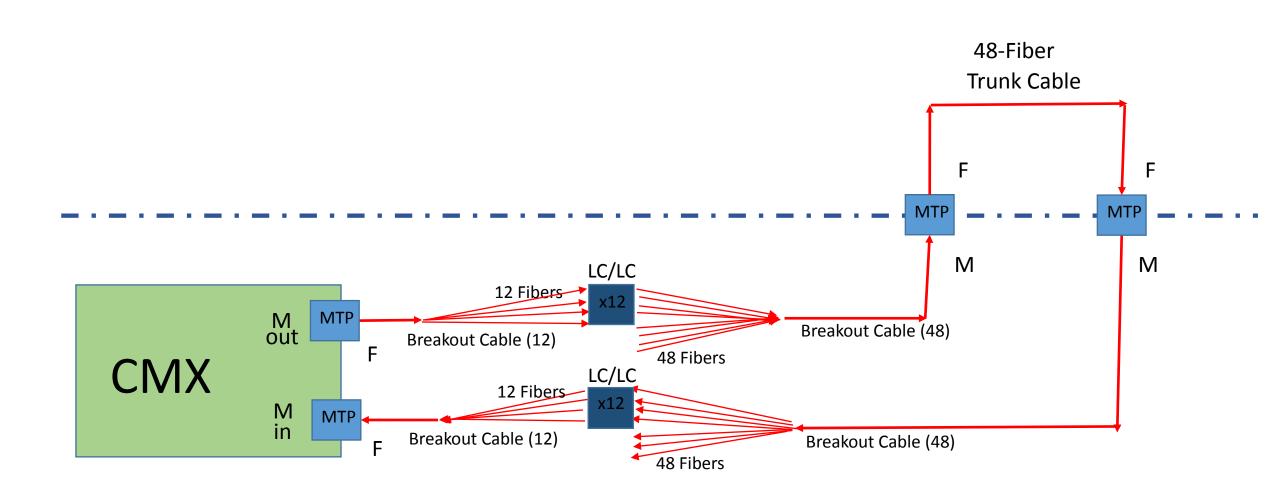
http://www.pa.msu.edu/hep/atlas/l1calo/fox/specification/2 demonstrator/figures/

**LArDPS** to **eFEX** Test Configuration – **without** splitters: Optical Insertion Loss **Measurement** with **CMX** 

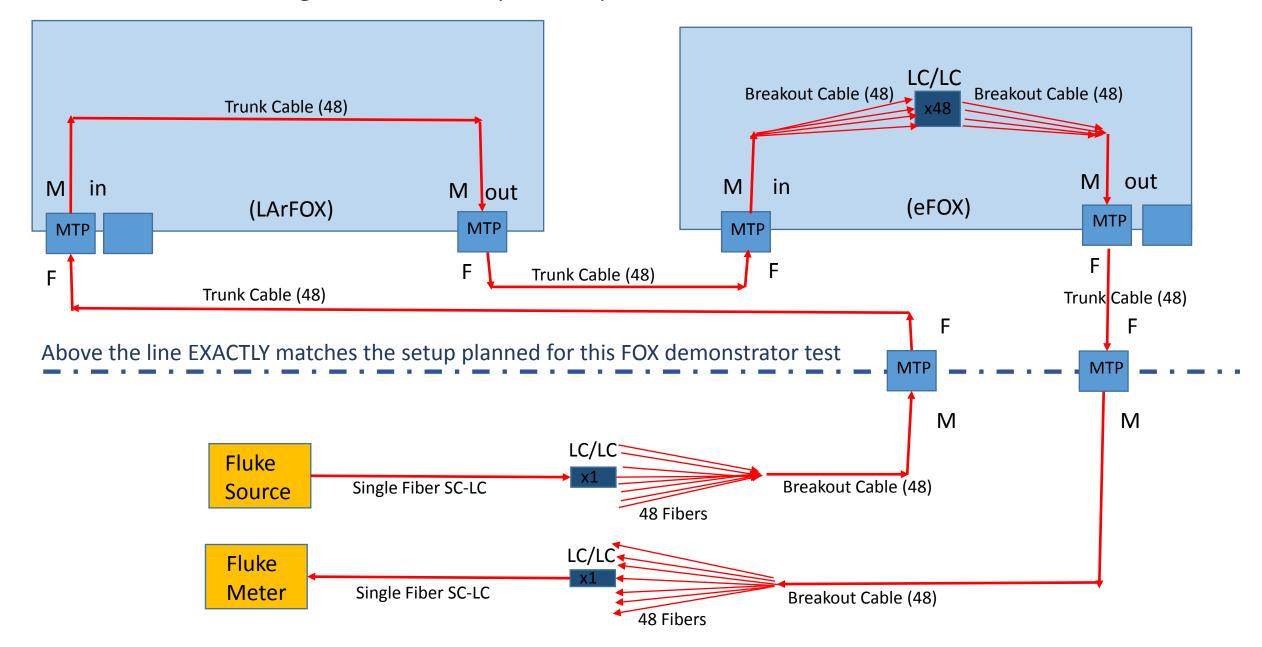


**LArDPS** to **eFEX** Test Configuration – **without** splitters: offset **calibration** with **CMX** – method #1

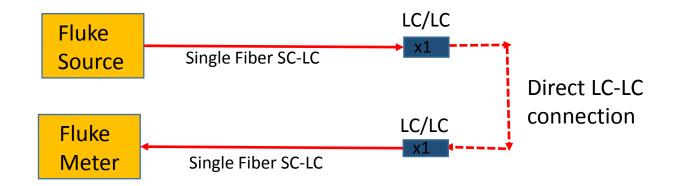




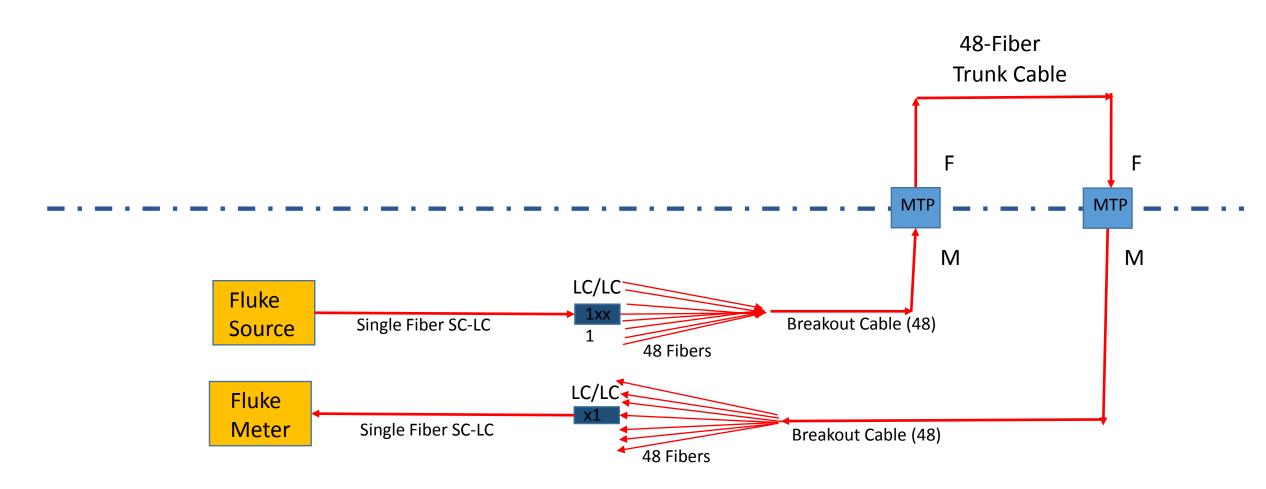
LArDPS to eFEX Test Configuration – without splitters: Optical Insertion Loss Measurement with Fluke handheld meter



LArDPS to eFEX Test Configuration – without splitters: offset calibration with Fluke -- method #1



Tentative decision: Not currently planning to use this time-intensive method unless the CMX tests suggest otherwise

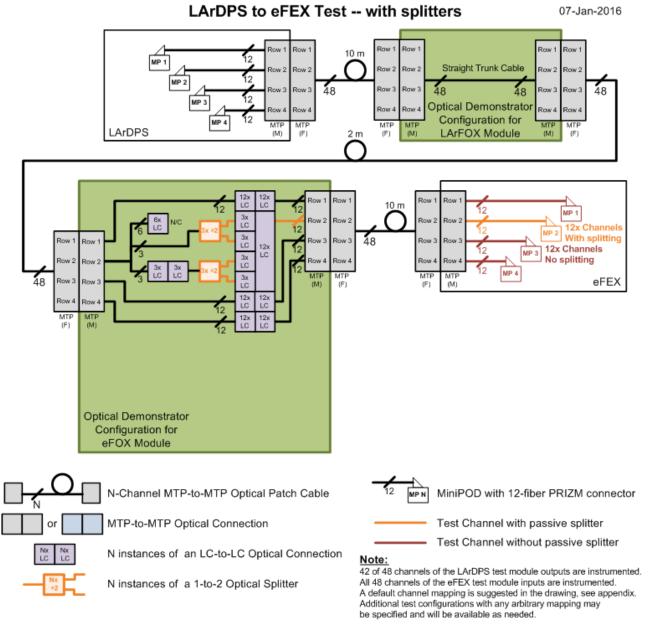


### LArDPS to eFEX Test

-- with splitters

## LArDPS to eFEX Test Configuration -- with splitters

High level diagram of LArDPS to eFEX light paths



## LArDPS to eFEX Test Configuration -- with splitters

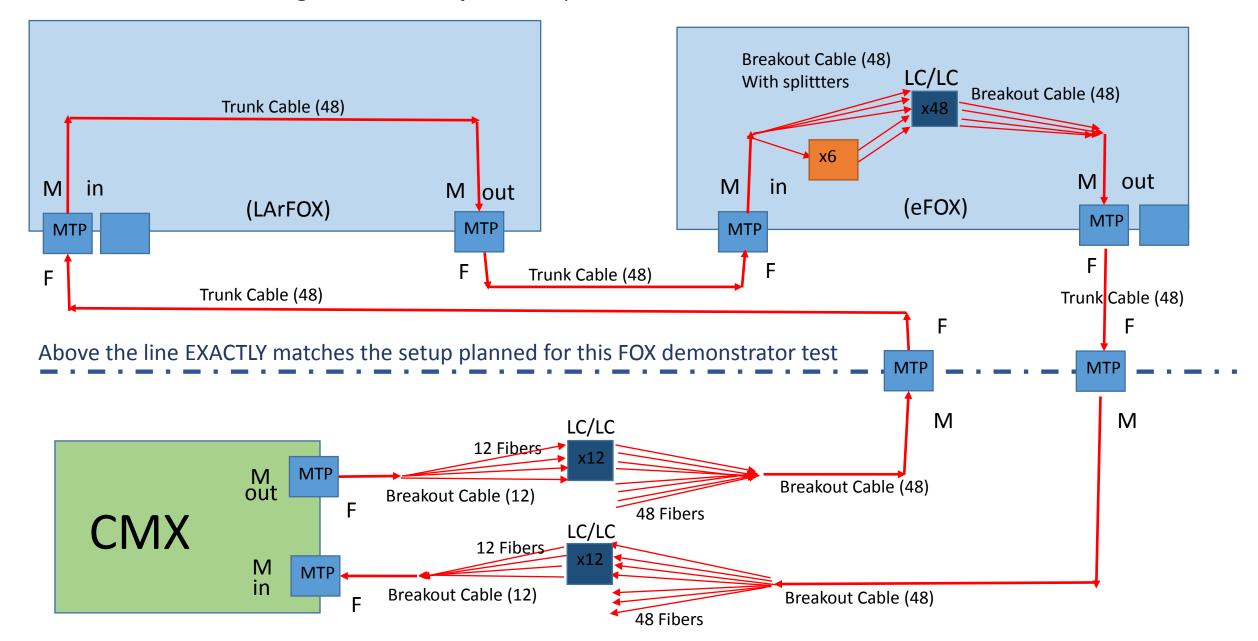
Detailed connection map between all modules (trivial in this case)

### FOX Demonstrator Test Configuration: LArDPS-eFEX #3 48 in, 48 out, mostly 1-to-1 mapping, 12 outputs split

		-10 11	, 10 0 41,			Jg) IL 0	utputs spi						
22-Dec-2015	LArDPS Module			LArFOX Module		eFOX N	∕lodule	gFEX Module					
Fiber	MTP Row	Relative		LArDPS	LArDPS	LArDPS	LArDPS	LArDPS	MTP Row	Relative			
Number	a.k.a.	MiniPOD	Source	Channel	Channel	Channel	Channel	Channel	a.k.a.	MiniPOD			
at MTP	MiniPOD	Channel	LArDPS	at	at	at	at	at	MiniPOD	Channel			
Connector	number	Number	Channel	Input	Output	Input	Output	Input	number	Number			
1	1	1	1-1	1-1	1-1	1-1	1-1	1-1	1	1			
2	1	2	1-2	1-2	1-2	1-2	1-2	1-2	1	2			
3	1	3	1-3	1-3	1-3	1-3	1-3	1-3	1	3			
4	1	4	1-4	1-4	1-4	1-4	1-4	1-4	1	4			
5	1	5	1-5	1-5	1-5	1-5	1-5	1-5	1	5			
6	1	6	1-6	1-6	1-6	1-6	1-6	1-6	1	6			
7	1	7	1-7	1-7	1-7	1-7	1-7	1-7	1	7			
8	1	8	1-8	1-8	1-8	1-8	1-8	1-8	1	8			
9	1	9	1-9	1-9	1-9	1-9	1-9	1-9	1	9			
10	1	10	1-10	1-10	1-10	1-10	1-10	1-10	1	10			
11	1	11	1-11	1-11	1-11	1-11	1-11	1-11	1	11			
12	1	12	1-12	1-12	1-12	1-12	1-12	1-12	1	12			
13	2	1	2-1	2-1	2-1	2-1	2-7 /2	2-7 /2	2	1			
14	2	2	2-2	2-2	2-2	2-2	2-7 /2	2-7 /2	2	2			
15	2	3	2-3	2-3	2-3	2-3	2-8 /2	2-8 /2	2	3			
16	2	4	2-4	2-4	2-4	2-4	2-8 /2	2-8 /2	2	4			
17	2	5	2-5	2-5	2-5	2-5	2-9 /2	2-9 /2	2	5			
18	2	6	2-6	2-6	2-6	2-6	2-9 /2	2-9 /2	2	6			
19	2	7	2-7	2-7	2-7	2-7	2-10 /2	2-10 /2	2	7			
20	2	8	2-8	2-8	2-8	2-8	2-10 /2	2-10 /2	2	8			
21	2	9	2-9	2-9	2-9	2-9	2-11 /2	2-11 /2	2	9			
22	2	10	2-10	2-10	2-10	2-10	2-11 /2	2-11 /2	2	10			
23	2	11	2-11	2-11	2-11	2-11	2-12 /2	2-12 /2	2	11			
24 25	2	12	2-12	2-12	2-12	2-12	2-12 /2	2-12 /2	2	12			
26	3	1 2	3-1	3-1	3-1 3-2	3-1	3-1 3-2	3-1	3	1 2			
27	3	3	3-2 3-3	3-2 3-3	3-2	3-2 3-3	3-2	3-2 3-3	3	3			
28	3	4	3-4	3-4	3-4	3-4	3-4	3-4	3	4			
29	3	5	3-5	3-5	3-5	3-5	3-5	3-5	3	5			
30	3	6	3-6	3-6	3-6	3-6	3-6	3-6	3	6			
31	3	7	3-7	3-7	3-7	3-7	3-7	3-7	3	7			
32	3	8	3-8	3-8	3-8	3-8	3-8	3-8	3	8			
33	3	9	3-9	3-9	3-9	3-9	3-9	3-9	3	9			
34	3	10	3-10	3-10	3-10	3-10	3-10	3-10	3	10			
35	3	11	3-11	3-11	3-11	3-11	3-11	3-11	3	11			
36	3	12	3-12	3-12	3-12	3-12	3-12	3-12	3	12			
37	4	1	4-1	4-1	4-1	4-1	4-1	4-1	4	1			
38	4	2	4-2	4-2	4-2	4-2	4-2	4-2	4	2			
39	4	3	4-3	4-3	4-3	4-3	4-3	4-3	4	3			
40	4	4	4-4	4-4	4-4	4-4	4-4	4-4	4	4			
41	4	5	4-5	4-5	4-5	4-5	4-5	4-5	4	5			
42	4	6	4-6	4-6	4-6	4-6	4-6	4-6	4	6			
43	4	7	4-7	4-7	4-7	4-7	4-7	4-7	4	7			
44	4	8	4-8	4-8	4-8	4-8	4-8	4-8	4	8			
45	4	9	4-9	4-9	4-9	4-9	4-9	4-9	4	9			
46	4	10	4-10	4-10	4-10	4-10	4-10	4-10	4	10			
47 48	4	11 12	4-11 4-12	4-11 4-12	4-11 4-12	4-11 4-12	4-11 4-12	4-11 4-12	4	11 12			
40	-+	12	4-12	4-12	4-12	4-12	4-12	4-12	- 4	14			

http://www.pa.msu.edu/hep/atlas/l1calo/fox/specification/2 demonstrator/figures/

LArDPS to eFEX Test Configuration – with splitters: Optical Insertion Loss Measurement with CMX



**LArDPS** to **eFEX** Test Configuration – with **splitters**:

The same procedure that was illustrated for the measurements of the **LArDPS** to e**FEX** Test Configuration without splitters is also followed here for :

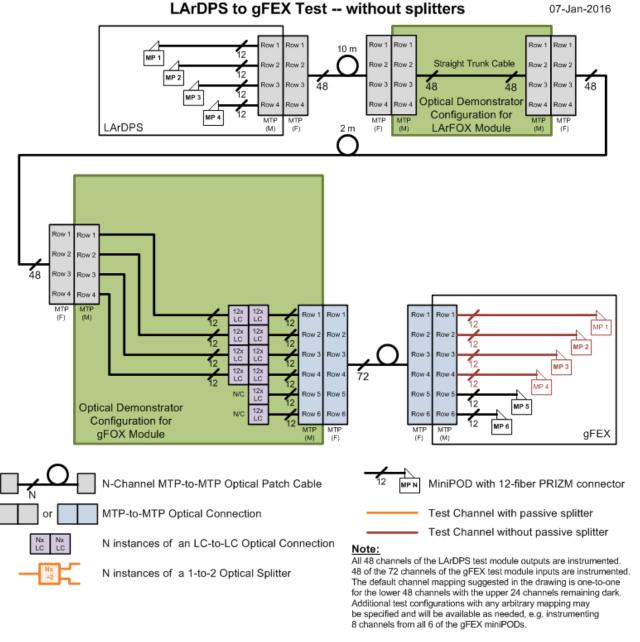
- Offset calibration with CMX
- Optical Insertion Loss **Measurement** with **Fluke** handheld meter
- Offset calibration with Fluke

### LArDPS to gFEX Test

-- without splitters

## LArDPS to gFEX Test Configuration -- without splitters

High level diagram of LArDPS to gFEX light paths



## LArDPS to gFEX Test Configuration -- without splitters

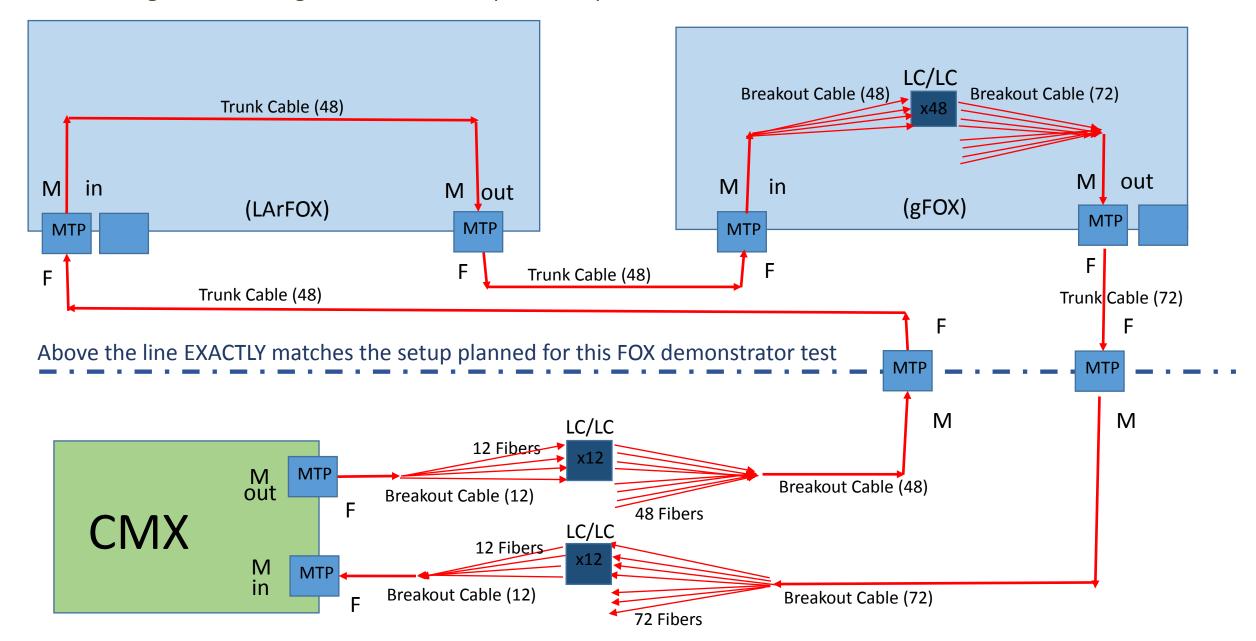
Detailed connection map between all modules

### FOX Demonstrator Test Configuration: LArDPS-gFEX #1

8 in, 72 out, 1-to-1 mapping, no splitting

				2 out, 1-to		_								
22-Dec-2015		DPS Mod	lule		Module		Module	_	EX Modu					
Fiber	MTP Row	Relative		LArDPS	LArDPS	LArDPS	LArDPS	LArDPS	MTP Row					
Number	a.k.a.	MiniPOD	Source	Channel	Channel	Channel	Channel	Channel	a.k.a.	MiniPOD				
at MTP Connector	MiniPOD number	Channel Number	LArDPS Channel	at Input	at Output	at Input	at Output	at Input	MiniPOD number	Channel Number				
1	1	1	1-1	1-1	1-1	1-1	1-1	1-1	1	1				
2	1	2	1-2	1-2	1-2	1-2	1-2	1-2	ī	2				
3	1	3	1-3	1-3	1-3	1-3	1-3	1-3	1	3				
4	1	4	1-4	1-4	1-4	1-4	1-4	1-4	1	4				
5	1	5	1-5	1-5	1-5	1-5	1-5	1-5	1	5				
6	1	6	1-6	1-6	1-6	1-6	1-6	1-6	1	6				
7	1	7	1-7	1-7	1-7	1-7	1-7	1-7	1	7				
8 9	1	8 9	1-8 1-9	1-8 1-9	1-8 1-9	1-8 1-9	1-8 1-9	1-8 1-9	1	8 9				
10	1	10	1-10	1-10	1-10	1-10	1-10	1-10	1	10				
11	1	11	1-11	1-11	1-11	1-11	1-11	1-11	1	11				
12	1	12	1-12	1-12	1-12	1-12	1-12	1-12	1	12				
13	2	1	2-1	2-1	2-1	2-1	2-1	2-1	2	1				
14	2	2	2-2	2-2	2-2	2-2	2-2	2-2	2	2				
15	2	3	2-3	2-3	2-3	2-3	2-3	2-3	2	3				
16	2	4	2-4	2-4	2-4	2-4	2-4	2-4	2	4				
17 18	2 2	5 6	2-5 2-6	2-5 2-6	2-5 2-6	2-5 2-6	2-5 2-6	2-5 2-6	2 2	5 6				
19	2	7	2-6 2-7	2-6	2-6	2-6	2-6	2-6 2-7	2	7				
20	2	8	2-8	2-8	2-8	2-8	2-8	2-8	2	8				
21	2	9	2-9	2-9	2-9	2-9	2-9	2-9	2	9				
22	2	10	2-10	2-10	2-10	2-10	2-10	2-10	2	10				
23	2	11	2-11	2-11	2-11	2-11	2-11	2-11	2	11				
24	2	12	2-12	2-12	2-12	2-12	2-12	2-12	2	12				
25	3	1	3-1	3-1	3-1	3-1	3-1	3-1	3	1				
26 27	3	2	3-2 3-3	3-2 3-3	3-2 3-3	3-2 3-3	3-2 3-3	3-2 3-3	3	2 3				
28	3	4	3-3 3-4	3-3 3-4	3-3	3-3	3-3	3-3 3-4	3	4				
29	3	5	3-5	3-5	3-5	3-5	3-5	3-5	3	5				
30	3	6	3-6	3-6	3-6	3-6	3-6	3-6	3	6				
31	3	7	3-7	3-7	3-7	3-7	3-7	3-7	3	7				
32	3	8	3-8	3-8	3-8	3-8	3-8	3-8	3	8				
33	3	9	3-9	3-9	3-9	3-9	3-9	3-9	3	9				
34 35	3	10 11	3-10 3-11	3-10 3-11	3-10 3-11	3-10 3-11	3-10 3-11	3-10 3-11	3	10 11				
36	3	12	3-11	3-11	3-11	3-11	3-11	3-11	3	12	dark	dark	5	T
37	4	1	4-1	4-1	4-1	4-1	4-1	4-1	4	1	dark	dark	5	l
38	4	2	4-2	4-2	4-2	4-2	4-2	4-2	4	2	dark	dark	5	ı
39	4	3	4-3	4-3	4-3	4-3	4-3	4-3	4	3	dark	dark	5	ı
40	4	4	4-4	4-4	4-4	4-4	4-4	4-4	4	4	dark	dark	5 5	1
41	4	5	4-5	4-5	4-5	4-5	4-5	4-5	4	5	dark dark	dark dark	5	1
42 43	4	6 7	4-6 4-7	4-6 4-7	4-6 4-7	4-6 4-7	4-6 4-7	4-6 4-7	4	6 7	dark	dark	5	I
44	4	8	4-7	4-7	4-7	4-7	4-7	4-7	4	8	dark	dark	5	1
45	4	9	4-9	4-9	4-9	4-9	4-9	4-9	4	9	dark	dark	5	1
46	4	10	4-10	4-10	4-10	4-10	4-10	4-10	4	10	dark	dark	5	
47	4	11	4-11	4-11	4-11	4-11	4-11	4-11	4	11	dark	dark	5	
48	4	12	4-12	4-12	4-12	4-12	4-12	4-12	4	12	dark	dark	6	ĺ
						62	1				dark	dark	6	
						63 64					dark dark	dark dark	6 6	
						65					dark	dark	6	1
						66					dark	dark	6	1
						67					dark	dark	6	I
						68					dark	dark	6	
						69					dark	dark	6	
						70					dark	dark	6	1
						71					dark	dark	6	I
					L	72					dark	dark	6	1

LArDPS to gFEX Test Configuration – without splitters: Optical Insertion Loss Measurement with CMX



**LArDPS** to **gFEX** Test Configuration – **without** splitters:

The same procedure that was illustrated for the measurements of the **LArDPS** to e**FEX** Test Configuration without splitters is also followed here for :

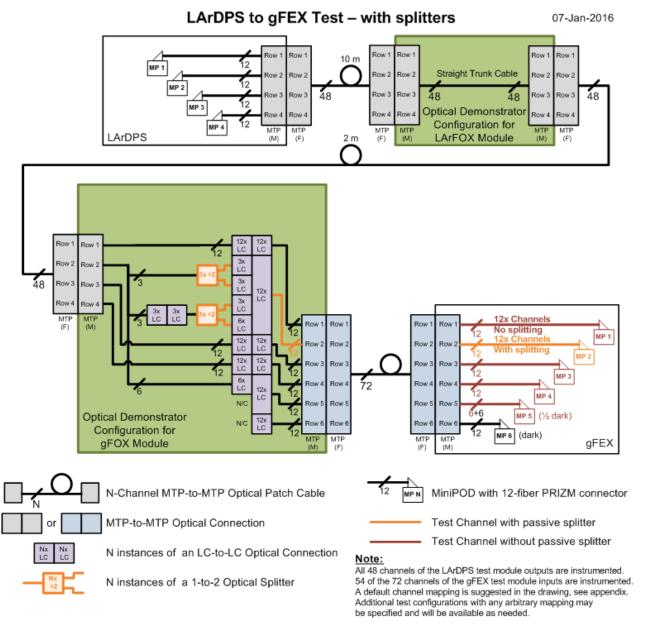
- Offset calibration with CMX
- Optical Insertion Loss **Measurement** with **Fluke** handheld meter
- Offset calibration with Fluke

### LArDPS to gFEX Test

-- with splitters

## LArDPS to gFEX Test Configuration -- with splitters

High level diagram of LArDPS to gFEX light paths



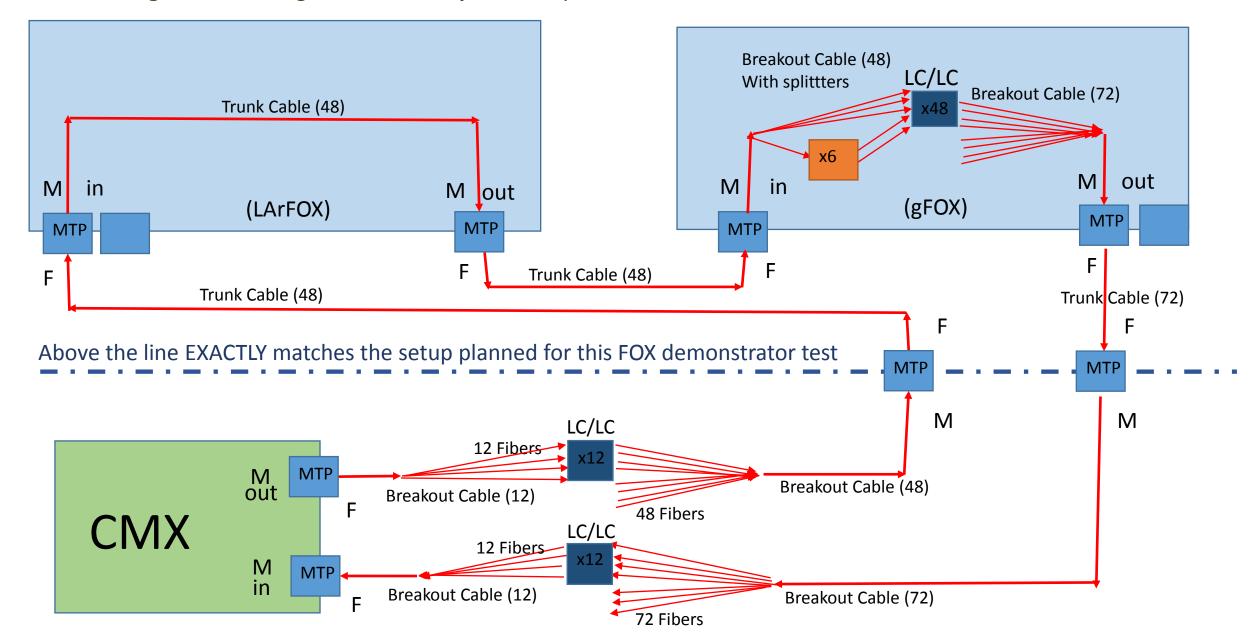
## LArDPS to gFEX Test Configuration -- with splitters

Detailed connection map between all modules

### FOX Demonstrator Test Configuration: LArDPS-gFEX #2 48 in. 72 out. mostly 1-to-1 mapping. 12 outputs split

48 in, 72 out, mostly 1-to-1 mapping, 12 outputs split															
22-Dec-2015					Module	gFOX N	<b>∕</b> Iodule	gF	EX Modu	ıle					
Fiber	MTP Row	Relative		LArDPS	LArDPS	LArDPS	LArDPS	LArDPS	MTP Row	Relative					
Number	a.k.a.	MiniPOD	Source	Channel	Channel	Channel	Channel	Channel	a.k.a.	MiniPOD					
at MTP	MiniPOD	Channel	LArDPS	at	at	at	at	at	MiniPOD	Channel					
Connector	number	Number	Channel	Input	Output	Input	Output	Input	number	Number					
1	1	1	1-1	1-1	1-1	1-1	1-1	1-1	1	1					
2	1	2	1-2	1-2	1-2	1-2	1-2	1-2	1	2					
3	1	3	1-3	1-3	1-3	1-3	1-3	1-3	1	3					
4	1	4	1-4	1-4	1-4	1-4	1-4	1-4	1	4					
5	1	5	1-5	1-5	1-5	1-5	1-5	1-5	1	5					
6	1	6	1-6	1-6	1-6	1-6	1-6	1-6	1	6					
7	1	7	1-7	1-7	1-7	1-7	1-7	1-7	1	7					
8	1	8	1-8	1-8	1-8	1-8	1-8	1-8	1	8					
9	1	9	1-9	1-9	1-9	1-9	1-9	1-9	1	9					
10	1	10	1-10	1-10	1-10	1-10	1-10	1-10	1	10					
11	1	11	1-11	1-11	1-11	1-11	1-11	1-11	1	11					
12	1	12	1-12	1-12	1-12	1-12	1-12	1-12	1	12					
13	2	1	2-1	2-1	2-1	2-1	2-7 /2	2-7 /2	2	1					
14	2	2	2-2	2-2	2-2	2-2	2-7 /2	2-7 /2	2	2					
15	2	3	2-3	2-3	2-3	2-3	2-8/2	2-8 /2	2	3					
16	2	4	2-4	2-4	2-4	2-4	2-8/2	2-8 /2	2	4					
17	2	5	2-5	2-5	2-5	2-5	2-9/2	2-9 /2	2	5					
18	2	6	2-6	2-6	2-6	2-6	2-9/2	2-9/2	2	6					
19	2	7	2-7	2-7	2-7	2-7	2-10/2	2-10/2	2	7					
20	2	8	2-8	2-8	2-8	2-8	2-10/2	2-10 /2	2	8					
21	2	9	2-9	2-9	2-9	2-9	2-11/2	2-11 /2	2	9					
22	2	10	2-10	2-10	2-10	2-10	2-11/2	2-11 /2	2	10					
23	2	11	2-11	2-11	2-11	2-11	2-12 /2	2-12 /2	2	11					
24	2	12	2-12	2-12	2-12	2-12	2-12 /2	2-12 /2	2	12					
25	3	1	3-1	3-1	3-1	3-1	3-1	3-1	3	1					
26	3	2	3-2	3-2	3-2	3-2	3-2	3-2	3	2					
27	3	3	3-3	3-3	3-3	3-3	3-3	3-3	3	3					
28	3	4	3-4	3-4	3-4	3-4	3-4	3-4	3	4					
29	3	5	3-5	3-5	3-5	3-5	3-5	3-5	3	5					
30	3	6	3-6	3-6	3-6	3-6	3-6	3-6	3	6					
31	3	7	3-7	3-7	3-7	3-7	3-7	3-7	3	7					
32	3	8	3-8	3-8	3-8	3-8	3-8	3-8	3	8					
33	3	9	3-9	3-9	3-9	3-9	3-9	3-9	3	9					
34	3	10	3-10	3-10	3-10	3-10	3-10	3-10	3	10		2-1	2-1	5	1
35	3	11	3-11	3-11	3-11	3-11	3-11	3-11	3	11		2-2	2-2	5	2
36	3	12	3-12	3-12	3-12	3-12	3-12	3-12	3	12		2-3	2-3	5	3
37	4	1	4-1	4-1	4-1	4-1	4-1	4-1	4	1		2-4	2-4	5	4
38	4	2	4-2	4-2	4-2	4-2	4-2	4-2	4	2		2-5	2-5	5	5
39	4	3	4-3	4-3	4-3	4-3	4-3	4-3	4	3		2-6	2-6	5	6
40	4	4	4-4	4-4	4-4	4-4	4-4	4-4	4	4		dark	dark	5	7
41	4	5	4-5	4-5	4-5	4-5	4-5	4-5	4	5		dark	dark	5	8
42	4	6	4-6	4-6	4-6	4-6	4-6	4-6	4	6		dark	dark	5	9
43	4	7	4-7	4-7	4-7	4-7	4-7	4-7	4	7		dark	dark	5	10
44	4	8	4-8	4-8	4-8	4-8	4-8	4-8	4	8		dark	dark	5	1
45	4	9	4-9	4-9	4-9	4-9	4-9	4-9	4	9		dark	dark	5	1
46	4	10	4-10	4-10	4-10	4-10	4-10	4-10	4	10		dark	dark	6	1
47	4	11	4-11	4-11	4-11	4-11	4-11	4-11	4	11		dark	dark	6	2
48	4	12	4-12	4-12	4-12	4-12	4-12	4-12	4	12	l	dark	dark	6	3
					U+							dark	dark	6	4
					65							dark	dark	6	5
					66	1						dark	dark	6	Ē
					67							dark	dark	6	7
					68							dark	dark	6	ĺέ
					69							dark	dark	6	3
					70	1						dark	dark	6	1
					71							dark	dark	6	1
					72	1						dark	dark	6	1
					12	1						udik	udik		1 4

LArDPS to gFEX Test Configuration – with splitters: Optical Insertion Loss Measurement with CMX



**LArDPS** to **gFEX** Test Configuration – with **splitters**:

The same procedure that was illustrated for the measurements of the **LArDPS** to e**FEX** Test Configuration without splitters is also followed here for :

- Offset calibration with CMX
- Optical Insertion Loss **Measurement** with **Fluke** handheld meter
- Offset calibration with Fluke

### Older Slides

