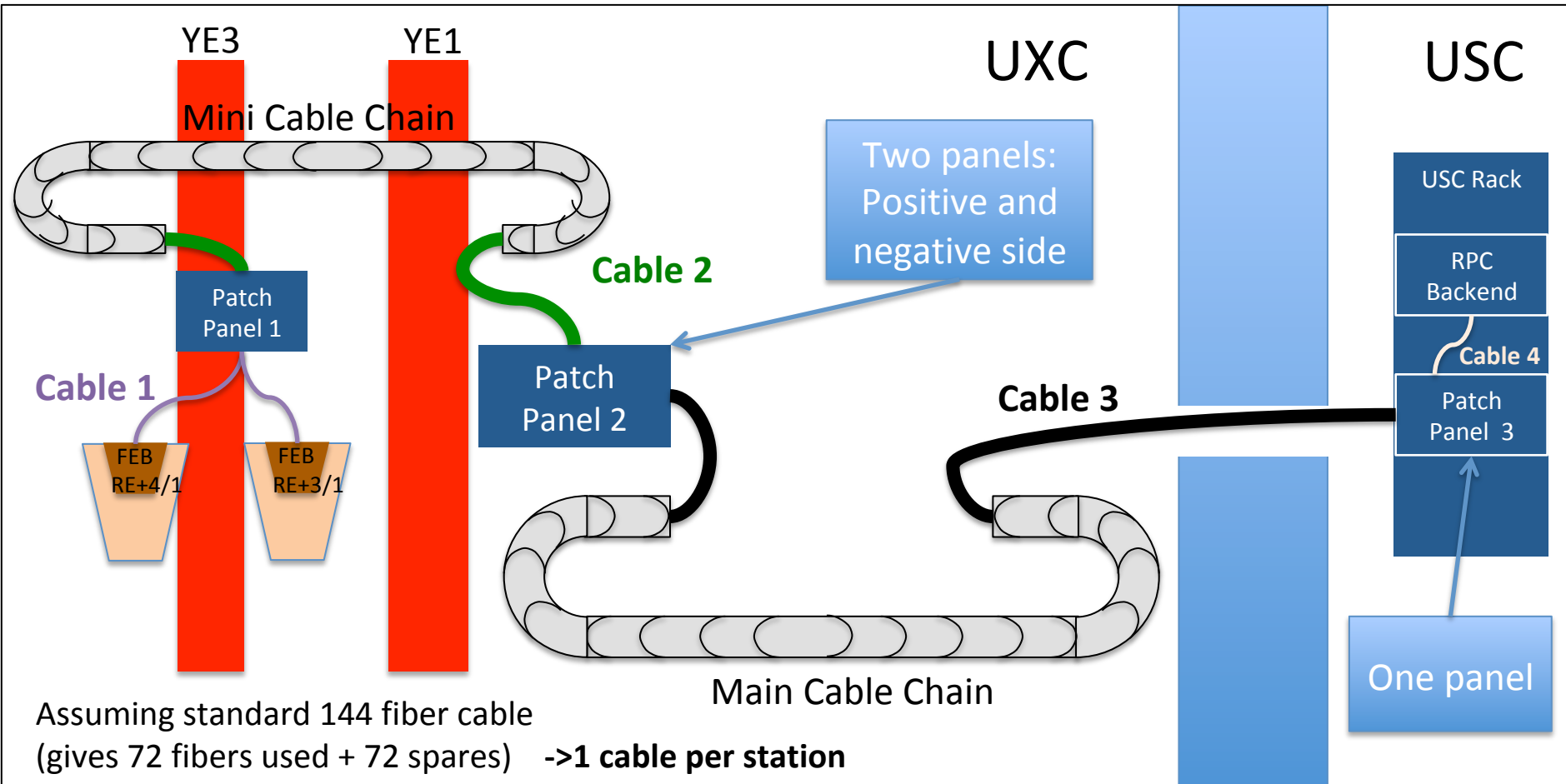


3.1 and 4.1 station fiber system components



To be installed 72 Chambers in total.
 18 chambers -> RE+3/1 (72 fibers)
 18 chambers -> RE+4/1 (72 fibers)

18 chambers -> RE-3/1 (72 fibers)
 18 chambers -> RE-4/1 (72 fibers)

2 fibres from each FEB
 2 FEB per chamber
 4 fibres per chamber

Supply Summary and Lead Time

CERN Reference	Description	Length (m)	Quantity	Section	Name in these slides
RPC_C1	LC-LC simplex patch cord	37	576	3.3.1	Cable 1
RPC_C2	144-fiber cable: 144 LC to 6xMTP24(F)	30	4	3.3.2	Cable 2
RPC_C3	144-fiber cable: 144 LC to 6xMTP24(M)	65	4	3.3.2	Cable 3
RPC_C4	12-fiber cable: 12 LC to MTP12(F)	2	30	3.3.3	Cable 4
RPC_PP1	Customized patch panel	n/a	4	3.3.4	Patch Pannel 1, Patch Pannel 3
RPC_AA1	Adapter array	n/a	2	3.3.5	Patch Panel 2
RPC_BOX1	Box to protect adapter array	n/a	2	3.3.6	Patch Panel 2

Supplies	Lead time
RPC_C1, RPC_C2 (25%)	4 weeks
RPC_C1, RPC_C2 (75%)	8 weeks
RPC_C3, RPC_C4, RPC_PP1, RPC_AA1, RPC_BOX1	12 weeks

OM3 vs OM4 prices

SYLEX

PRICES IN:	USD
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Table 3: RPC							
	Description	Quantity	Unit Price OM4	Total price OM4	OM3 decrease (per unit)	Total price OM3	Difference total price OM4 and OM3
1	RPC_C1	576	22.08	12718.08	2.55	11249.28	1468.8
2	RPC_C2	4	1462.49	5849.96	288.9	4694.36	1155.6
3	RPC_C3	4	2367.45	9469.8	625.95	6966	2503.8
4	RPC_C4	30	65.99	1979.7	1.34	1939.5	40.2
5	RPC_PP1	4	976.75	3907	0	3907	
6	RPC_AA1	2	88.34	176.68	0	176.68	
7	RPC_BOX1	2	36.4	72.8	0	72.8	
TOTAL PRICE RPC FOR TENDER FORM:				34174.02		29005.62	5168.4

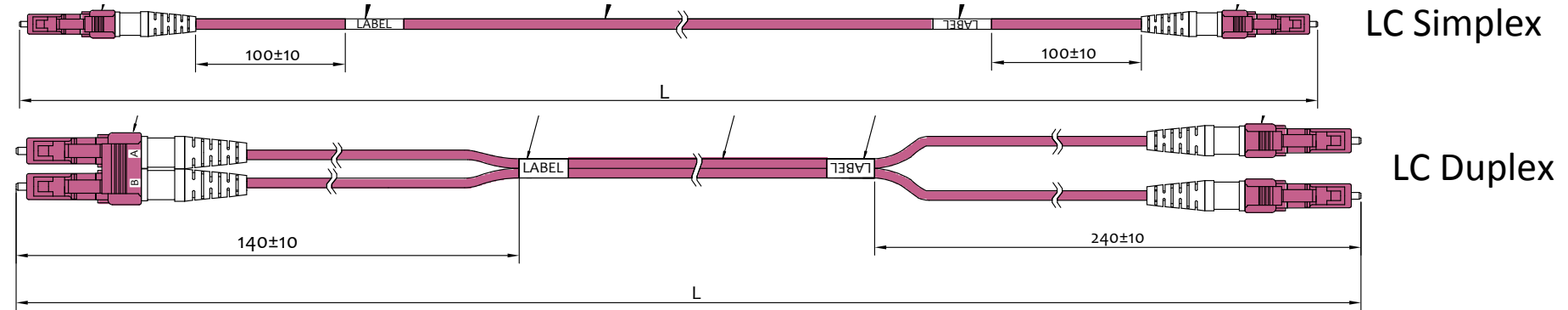
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Table 3: RPC							
	Description	Quantity	Unit Price OM4	Total price OM4	OM3 decrease (per unit)	Total price OM3	Difference total price OM4 and OM3
1	RPC_C1	576	19.8	11404.8	3.7	9273.6	2131.2
2	RPC_C2	4	2154	8616	420	6936	1680
3	RPC_C3	4	3210	12840	910	9200	3640
4	RPC_C4	30	58.95	1768.5	2.6	1690.5	78
5	RPC_PP1	4	560	2240	0.0	2240	
6	RPC_AA1	2	73	146	0.0	146	
7	RPC_BOX1	2	187	374	0.0	374	
TOTAL PRICE RPC FOR TENDER FORM:				37389.3		29860.1	7529.2

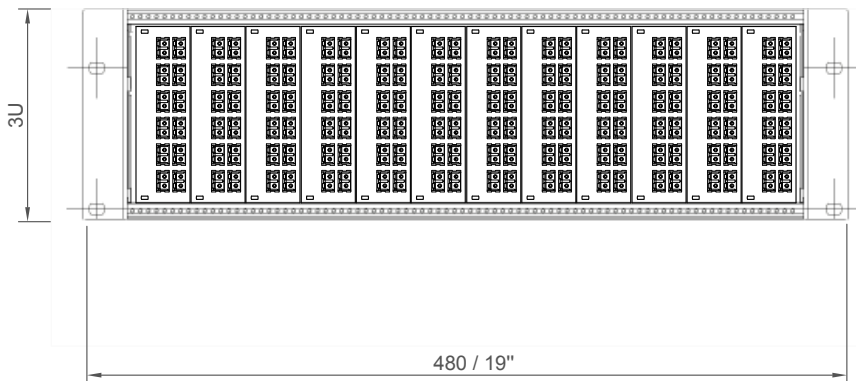
Remarks

The color of the cables is magenta (the standard for OM4 cables).

Sylex is proposing also duplex LC connectors for cable 1 (instead of simplex). Both options are available.



Proposed “patch panel 1” is made of Aluminium



Proposed material for the “patch panel 2” is plastic PC/ABS.

