

Document Title: Material Takeoff Summary

Project Title: FJMT STUDIO Project

Description of Material	Qty (m)
Power Cables for Non-Essential Equipemnt	
2x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)	322.23
2x4mm2 CU/PVC/PVC + 4mm2 Earth Cable (TPI Conductors)	140.29
4x10mm2 CU/PVC/PVC + 4mm2 Earth Cable (TPI Conductors)	122.40
4x120mm2 CU/PVC/PVC + 35mm2 Earth Cable (TPI Conductors)	93.90
4x16mm2 CU/PVC/PVC + 6mm2 Earth Cable (TPI Conductors)	66.60
4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)	1,142.74
4x35mm2 CU/PVC/PVC + 10mm2 Earth Cable (TPI Conductors)	60.67
4x4mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)	63.42
4x70mm2 CU/PVC/PVC + 25mm2 Earth Cable (TPI Conductors)	68.93
4x95mm2 CU/PVC/PVC + 25mm2 Earth Cable (TPI Conductors)	52.10
Power Cables for Essential Equipemnt	
4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)	256.53
4x4mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)	162.04
4x16mm2 CU/PVC/PVC + 6mm2 Earth Cable (FR)	38.69
4x6mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)	108.36
Instrumentation Cables	
0.5mm 3Pair Instrument Cable	1190.46
0.75mm 10c F/R Instrument Cable	565.61

ProBuild Solutions

Document Title: Power Cable length Extraction

Project Title: FJMT STUDIO Project

Location	To (Power Fed Equipment ID/s)	From (Mechanical Panel ID)	Rated Power (kW)	Maximum Current (A)	Volts/ Phase	Vertical RISER length	DROP INSIDE DB & EQUIPMENT
<u>MSSB-NE-GF</u>							
GF	OAF-GF.01	MSSB-NE-GF	0.37	0.92	415 / 3	0	3
GF	OAF-GF.02	MSSB-NE-GF	0.404	1.012	415/3	0	3
GF	OAF-GF.03	MSSB-NE-GF	0.05	0.22	240/1	0	3
GF	DASS-B1	MSSB-NE-GF	0.75	1.6	415 / 3	0	3
L1	OAF-L01.01	MSSB-NE-GF	0.12	0.5	240 / 1	3	3
GF	TEF-GF	MSSB-NE-GF	0.37	1.1	415 / 3	0	3
GF	ERV-EOT.M	MSSB-NE-GF	2.5	7.4	415 / 3	0	3
GF	ERV-EOT.F	MSSB-NE-GF	2.5	7.4	415 / 3	0	3
GF	AC-DAS.01	MSSB-NE-GF	4	-	240/1	0	3
GF	AC-DAS.02	MSSB-NE-GF	4	-	240/1	0	3
GF	AC-BM	MSSB-NE-GF	2	-	240/1	0	3
GF	FCU-EOT.M	MSSB-NE-GF	1.5	-	220 / 1	0	3
GF	FCU-EOT.F	MSSB-NE-GF	1.5	-	220 / 1	0	3
GF	FCU-GF.LOB	MSSB-NE-GF	1.5	-	220 / 1	0	3
L1	AC-COMMS-1	MSSB-NE-GF	2.5	7.4	220/1	3	3
L1	AC-COMMS-2	MSSB-NE-GF	2.5	7.4	220/1	3	3
<u>MSSB-E-L10</u>							
L10	SPF-L10.1	MSSB-E-L10	12.1	22.77	415 / 3	10	3
L10	SPF-L10.2	MSSB-E-L10	12.1	22.77	415 / 3	10	3
ROOF	T-KEF-R.N	MSSB-E-L10	4	8.37-	415 / 3	3	3
ROOF	KEF-R-01	MSSB-E-L10	6.05	10.89	415 / 3	3	3
ROOF	KEF-R-02	MSSB-E-L10	6.05	10.89	415 / 3	3	3
GF	FPR.EF-GF	MSSB-E-L10	1.21	2.42	415/3	30	3
ROOF	T-KEF-R.S	MSSB-E-L10	3.3	6.82	415 / 3	3	3
ROOF	SMK-EF-R	MSSB-E-L10	45	80.92	415 / 3	3	3

L10	AHU-C01	MSSB-E-L10	20	-	400 / 3	0	3
L10	AHU-C.2	MSSB-E-L10	22	-	400 / 3	0	3
L10	AHU-C.3	MSSB-E-L10	20	-	400 / 3	0	3
L10	AHU-E	MSSB-E-L10	24	-	400 / 3	0	3
L10	AHU-N	MSSB-E-L10	23	-	400 / 3	0	3
L10	AHU-S	MSSB-E-L10	16	-	400 / 3	0	3
L10	AHU-W	MSSB-E-L10	41	-	400 / 3	0	3
MSSB-NE-L10.2							
L10	CH-R-01	MSSB-NE-L10.2	140	205	415 / 3	0	3
L10	CH-R-02	MSSB-NE-L10.2	99	142	415 / 3	0	3
L10	CT-R-01	MSSB-NE-L10.2	22	40.7	400 / 3	0	3
L10	CT-R-02	MSSB-NE-L10.2	22	40.7	400 / 3	0	3
L10	CHWP-01	MSSB-NE-L10.2	30	-	400 / 3	0	3
L10	CHWP-02	MSSB-NE-L10.2	15	-	400 / 3	0	3
L10	CHWP-03	MSSB-NE-L10.2	30	-	400 / 3	0	3
L10	CWP-01	MSSB-NE-L10.2	22	-	400/3	0	3
L10	CWP-02	MSSB-NE-L10.2	15	-	400/3	0	3
L10	CWP-03	MSSB-NE-L10.2	22	-	400/3	0	3
L10	RAF-L10.3	MSSB-NE-L10.2	82.5	138.6	415 / 3	0	3
L10	TP-CWP-01	MSSB-NE-L10.2	5.5	-	400/3	0	3
L10	TP-CWP-02	MSSB-NE-L10.2	5.5	-	400/3	0	3
L10	TS-CWP-01	MSSB-NE-L10.2	11	-	400/3	0	3
L10	TS-CWP-02	MSSB-NE-L10.2	11	-	400/3	0	3
L10	T-HWP-01	MSSB-NE-L10.2	11	-	400 / 3	0	3
L10	T-HWP-02	MSSB-NE-L10.2	11	-	400 / 3	0	3
MSSB-NE-L10.1							
L10	HP-R-01	MSSB-NE-L10.1	211	-	400 / 3	0	3
L10	HP-R-02	MSSB-NE-L10.1	175	-	400 / 3	0	3
L10	RAF-L10.1	MSSB-NE-L10.1	49.5	85.8	415 / 3	0	3
L10	RAF-L10.2	MSSB-NE-L10.1	20.35	35.75	415 / 3	0	3

ROOF	BB-TEF-R	MSSB-NE-L10.1	6.05	10.89	415 / 3	3	3
ROOF	T-OAF-R.N	MSSB-NE-L10.1	1.5	3.3	415 / 3	3	3
ROOF	T-GEF-R.N	MSSB-NE-L10.1	0.825	1.617	415 / 3	3	3
ROOF	T-TEF-R.N	MSSB-NE-L10.1	0.77	1.47	415 / 3	3	3
ROOF	EOT-EF-R.N	MSSB-NE-L10.1	3.9	6.6	415 / 3	3	3
ROOF	GEF-R.N	MSSB-NE-L10.1	0.77	1.47	415 / 3	3	3
ROOF	LDEF-R.N	MSSB-NE-L10.1	8.25	14.63	415 / 3	3	3
ROOF	T-TEF-R.S	MSSB-NE-L10.1	1.42	6.3	415 / 3	3	3
ROOF	T-OAF-R.S	MSSB-NE-L10.1	4.4	7.81	415 / 3	3	3
ROOF	T-GEF-R.S	MSSB-NE-L10.1	1.2	2.2	415 / 3	3	3
ROOF	T-MUAF-R.N	MSSB-NE-L10.1	2.2	4.3	415 / 3	3	3
ROOF	T-MUAF-R.S	MSSB-NE-L10.1	2.2	4.3	415 / 3	3	3
ROOF	TEF-L10	MSSB-NE-L10.1	0.2	1.4	240 / 1	3	3
L10	HWP-01	MSSB-NE-L10.1	11	-	400 / 3	0	3
L10	HWP-02	MSSB-NE-L10.1	11	-	400 / 3	0	3

Drawing Length (horizontal)	MSSB TO RISER (horizontal)	Actual Lengh	TOTAL LENGTH WITH WASTAGE (5%)	Allowable Voltage Drop %	Cable Type
45.54	0	48.54	50.97	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
4.44	0	7.44	7.81	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
16.06	0	19.06	20.01	3%	2x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
19.41	0	22.41	23.53	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
11.07	47	64.07	67.27	3%	2x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
74.33	0	77.33	81.20	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
42.28	0	45.28	47.54	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
58.58	0	61.58	64.66	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
16.72	0	19.72	20.71	3%	2x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
22.21	0	25.21	26.47	3%	2x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
17.38	0	20.38	21.40	3%	2x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
51.82	0	54.82	57.56	3%	2x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
55.95	0	58.95	61.90	3%	2x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
41.68	0	44.68	46.91	3%	2x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
14.87	47	67.87	71.26	3%	2x4mm2 CU/PVC/PVC + 4mm2 Earth Cable (TPI Conductors)
12.74	47	65.74	69.03	3%	2x4mm2 CU/PVC/PVC + 4mm2 Earth Cable (TPI Conductors)
23.27	0	36.27	38.08	3%	4x4mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
25.03	0	38.03	39.93	3%	4x4mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
22.61	7.3	35.91	37.71	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
37.57	7.3	50.87	53.41	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
32.94	7.3	46.24	48.55	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
22.08	7.3	62.38	65.50	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
24.67	7.3	37.97	39.87	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
23.55	7.3	36.85	38.69	3%	4x16mm2 CU/PVC/PVC + 6mm2 Earth Cable (FR)

12.26	0	15.26	16.02	3%	4x4mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
16.77	0	19.77	20.76	3%	4x4mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
35.84	0	38.84	40.78	3%	4x6mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
25.94	0	28.94	30.39	3%	4x6mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
7.94	0	10.94	11.49	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
41.99	0	44.99	47.24	3%	4x4mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
32.42	0	35.42	37.19	3%	4x6mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (FR)
27.76	0	30.76	32.30	3%	4x120mm2 CU/PVC/PVC + 35mm2 Earth Cable (TPI Conductors)
24.18	0	27.18	28.54	3%	4x70mm2 CU/PVC/PVC + 25mm2 Earth Cable (TPI Conductors)
20.02	0	23.02	24.17	3%	4x10mm2 CU/PVC/PVC + 4mm2 Earth Cable (TPI Conductors)
17.92	0	20.92	21.97	3%	4x10mm2 CU/PVC/PVC + 4mm2 Earth Cable (TPI Conductors)
29.96	0	32.96	34.61	3%	4x16mm2 CU/PVC/PVC + 6mm2 Earth Cable (TPI Conductors)
31.49	0	34.49	36.21	3%	4x4mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
27.47	0	30.47	31.99	3%	4x16mm2 CU/PVC/PVC + 6mm2 Earth Cable (TPI Conductors)
24.23	0	27.23	28.59	3%	4x10mm2 CU/PVC/PVC + 4mm2 Earth Cable (TPI Conductors)
22.91	0	25.91	27.21	3%	4x4mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
18.94	0	21.94	23.04	3%	4x10mm2 CU/PVC/PVC + 4mm2 Earth Cable (TPI Conductors)
35.47	0	38.47	40.39	3%	4x70mm2 CU/PVC/PVC + 25mm2 Earth Cable (TPI Conductors)
29.29	0	32.29	33.90	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
28.36	0	31.36	32.93	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
27.53	0	30.53	32.06	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
25.4	0	28.4	29.82	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
35.02	0	38.02	39.92	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
32.96	0	35.96	37.76	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
55.18	0	58.18	61.09	3%	4x120mm2 CU/PVC/PVC + 35mm2 Earth Cable (TPI Conductors)
46.62	0	49.62	52.10	3%	4x95mm2 CU/PVC/PVC + 25mm2 Earth Cable (TPI Conductors)
54.78	0	57.78	60.67	3%	4x35mm2 CU/PVC/PVC + 10mm2 Earth Cable (TPI Conductors)
20.46	0	23.46	24.63	3%	4x10mm2 CU/PVC/PVC + 4mm2 Earth Cable (TPI Conductors)

21.75	17.3	45.05	47.30	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
14.76	17.3	38.06	39.96	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
20.31	17.3	43.61	45.79	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
14.93	17.3	38.23	40.14	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
26.28	17.3	49.58	52.06	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
27.09	17.3	50.39	52.91	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
25.46	17.3	48.76	51.20	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
19.03	17.3	42.33	44.45	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
21.94	17.3	45.24	47.50	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
17.3	17.3	40.6	42.63	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
12	17.3	35.3	37.07	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
11.41	17.3	34.71	36.45	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
33.31	17.3	56.61	59.44	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
26.78	0	29.78	31.27	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)
27.93	0	30.93	32.48	3%	4x2.5mm2 CU/PVC/PVC + 2.5mm2 Earth Cable (TPI Conductors)

AS/NZS 3008	VSD
AS/NZS 3008	DOL
AS/NZS 3008	VSD
AS/NZS 3008	VSD

ProBuild Solutions

Document Title: Instrumentation Cabling length Extraction

Project Title: FJMT STUDIO Project

Location	To (Power Fed Equipment ID/s)	From (Mechanical Panel ID)	Vertical RISER length	DROP INSIDE DB & EQUIPMENT	Drawing Length (horizontal)	MSSB TO RISER (horizontal)	Actual Lengh
<u>MSSB-NE-GF</u>							
GF	OAF-GF.01	MSSB-NE-GF	0	3	45.54	0	48.54
GF	OAF-GF.02	MSSB-NE-GF	0	3	4.44	0	7.44
GF	OAF-GF.03	MSSB-NE-GF	0	3	16.06	0	19.06
GF	DASS-B1	MSSB-NE-GF	0	3	19.41	0	22.41
L1	OAF-L01.01	MSSB-NE-GF	3	3	11.07	47	64.07
GF	TEF-GF	MSSB-NE-GF	0	3	74.33	0	77.33
GF	ERV-EOT.M	MSSB-NE-GF	0	3	42.28	0	45.28
GF	ERV-EOT.F	MSSB-NE-GF	0	3	58.58	0	61.58
GF	AC-DAS.01	MSSB-NE-GF	0	3	16.72	0	19.72
GF	AC-DAS.02	MSSB-NE-GF	0	3	22.21	0	25.21
GF	AC-BM	MSSB-NE-GF	0	3	17.38	0	20.38
GF	FCU-EOT.M	MSSB-NE-GF	0	3	51.82	0	54.82
GF	FCU-EOT.F	MSSB-NE-GF	0	3	55.95	0	58.95
GF	FCU-GF.LOB	MSSB-NE-GF	0	3	41.68	0	44.68
L1	AC-COMMS-1	MSSB-NE-GF	3	3	14.87	47	67.87
L1	AC-COMMS-2	MSSB-NE-GF	3	3	12.74	47	65.74
<u>MSSB-E-L10</u>							
L10	SPF-L10.1	MSSB-E-L10	10	3	23.27	0	36.27
L10	SPF-L10.2	MSSB-E-L10	10	3	25.03	0	38.03
ROOF	T-KEF-R.N	MSSB-E-L10	3	3	22.61	7.3	35.91
ROOF	KEF-R-01	MSSB-E-L10	3	3	37.57	7.3	50.87
ROOF	KEF-R-02	MSSB-E-L10	3	3	32.94	7.3	46.24
GF	FPR.EF-GF	MSSB-E-L10	30	3	22.08	7.3	62.38
ROOF	T-KEF-R.S	MSSB-E-L10	3	3	24.67	7.3	37.97
ROOF	SMK-EF-R	MSSB-E-L10	3	3	23.55	7.3	36.85
L10	AHU-C01	MSSB-E-L10	0	3	12.26	0	15.26
L10	AHU-C.2	MSSB-E-L10	0	3	16.77	0	19.77
L10	AHU-C.3	MSSB-E-L10	0	3	35.84	0	38.84
L10	AHU-E	MSSB-E-L10	0	3	25.94	0	28.94
L10	AHU-N	MSSB-E-L10	0	3	7.94	0	10.94
L10	AHU-S	MSSB-E-L10	0	3	41.99	0	44.99
L10	AHU-W	MSSB-E-L10	0	3	32.42	0	35.42
<u>MSSB-NE-L10.2</u>							
L10	CH-R-01	MSSB-NE-L10.2	0	3	27.76	0	30.76
L10	CH-R-02	MSSB-NE-L10.2	0	3	24.18	0	27.18
L10	CT-R-01	MSSB-NE-L10.2	0	3	20.02	0	23.02
L10	CT-R-02	MSSB-NE-L10.2	0	3	17.92	0	20.92
L10	CHWP-01	MSSB-NE-L10.2	0	3	29.96	0	32.96
L10	CHWP-02	MSSB-NE-L10.2	0	3	31.49	0	34.49
L10	CHWP-03	MSSB-NE-L10.2	0	3	27.47	0	30.47
L10	CWP-01	MSSB-NE-L10.2	0	3	24.23	0	27.23

L10	CWP-02	MSSB-NE-L10.2	0	3	22.91	0	25.91
L10	CWP-03	MSSB-NE-L10.2	0	3	18.94	0	21.94
L10	RAF-L10.3	MSSB-NE-L10.2	0	3	35.47	0	38.47
L10	TP-CWP-01	MSSB-NE-L10.2	0	3	29.29	0	32.29
L10	TP-CWP-02	MSSB-NE-L10.2	0	3	28.36	0	31.36
L10	TS-CWP-01	MSSB-NE-L10.2	0	3	27.53	0	30.53
L10	TS-CWP-02	MSSB-NE-L10.2	0	3	25.4	0	28.4
L10	T-HWP-01	MSSB-NE-L10.2	0	3	35.02	0	38.02
L10	T-HWP-02	MSSB-NE-L10.2	0	3	32.96	0	35.96
<u>MSSB-NE-L10.1</u>							
L10	HP-R-01	MSSB-NE-L10.1	0	3	55.18	0	58.18
L10	HP-R-02	MSSB-NE-L10.1	0	3	46.62	0	49.62
L10	RAF-L10.1	MSSB-NE-L10.1	0	3	54.78	0	57.78
L10	RAF-L10.2	MSSB-NE-L10.1	0	3	20.46	0	23.46
ROOF	BB-TEF-R	MSSB-NE-L10.1	3	3	21.75	17.3	45.05
ROOF	T-OAF-R.N	MSSB-NE-L10.1	3	3	14.76	17.3	38.06
ROOF	T-GEF-R.N	MSSB-NE-L10.1	3	3	20.31	17.3	43.61
ROOF	T-TEF-R.N	MSSB-NE-L10.1	3	3	14.93	17.3	38.23
ROOF	EOT-EF-R.N	MSSB-NE-L10.1	3	3	26.28	17.3	49.58
ROOF	GEF-R.N	MSSB-NE-L10.1	3	3	27.09	17.3	50.39
ROOF	LDEF-R.N	MSSB-NE-L10.1	3	3	25.46	17.3	48.76
ROOF	T-TEF-R.S	MSSB-NE-L10.1	3	3	19.03	17.3	42.33
ROOF	T-OAF-R.S	MSSB-NE-L10.1	3	3	21.94	17.3	45.24
ROOF	T-GEF-R.S	MSSB-NE-L10.1	3	3	17.3	17.3	40.6
ROOF	T-MUAF-R.N	MSSB-NE-L10.1	3	3	12	17.3	35.3
ROOF	T-MUAF-R.S	MSSB-NE-L10.1	3	3	11.41	17.3	34.71
ROOF	TEF-L10	MSSB-NE-L10.1					
L10	HWP-01	MSSB-NE-L10.1	0	3	26.78	0	29.78
L10	HWP-02	MSSB-NE-L10.1	0	3	27.93	0	30.93

TOTAL LENGTH WITH WASTAGE (5%)	Cable Type	Starter Type
50.97	0.5mm 3Pair Instrument Cable	VSD
7.81	0.5mm 3Pair Instrument Cable	VSD
20.01	0.5mm 3Pair Instrument Cable	VSD
23.53	0.5mm 3Pair Instrument Cable	VSD
67.27	0.5mm 3Pair Instrument Cable	VSD
81.20	0.5mm 3Pair Instrument Cable	VSD
47.54	0.5mm 3Pair Instrument Cable	VSD
64.66	0.5mm 3Pair Instrument Cable	VSD
20.71	0.5mm 3Pair Instrument Cable	VSD
26.47	0.5mm 3Pair Instrument Cable	VSD
21.40	0.5mm 3Pair Instrument Cable	VSD
57.56	0.5mm 3Pair Instrument Cable	VSD
61.90	0.5mm 3Pair Instrument Cable	VSD
46.91	0.5mm 3Pair Instrument Cable	VSD
71.26	0.5mm 3Pair Instrument Cable	VSD
69.03	0.5mm 3Pair Instrument Cable	VSD
38.08	0.75mm 10c F/R Instrument Cable	VSD
39.93	0.75mm 10c F/R Instrument Cable	VSD
37.71	0.75mm 10c F/R Instrument Cable	VSD
53.41	0.75mm 10c F/R Instrument Cable	VSD
48.55	0.75mm 10c F/R Instrument Cable	VSD
65.50	0.75mm 10c F/R Instrument Cable	VSD
39.87	0.75mm 10c F/R Instrument Cable	VSD
38.69	0.75mm 10c F/R Instrument Cable	VSD
16.02	0.75mm 10c F/R Instrument Cable	VSD
20.76	0.75mm 10c F/R Instrument Cable	VSD
40.78	0.75mm 10c F/R Instrument Cable	VSD
30.39	0.75mm 10c F/R Instrument Cable	VSD
11.49	0.75mm 10c F/R Instrument Cable	VSD
47.24	0.75mm 10c F/R Instrument Cable	VSD
37.19	0.75mm 10c F/R Instrument Cable	VSD
32.30	0.5mm 3Pair Instrument Cable	VSD
28.54	0.5mm 3Pair Instrument Cable	VSD
24.17	0.5mm 3Pair Instrument Cable	VSD
21.97	0.5mm 3Pair Instrument Cable	VSD
34.61	0.5mm 3Pair Instrument Cable	VSD
36.21	0.5mm 3Pair Instrument Cable	VSD
31.99	0.5mm 3Pair Instrument Cable	VSD
28.59	0.5mm 3Pair Instrument Cable	VSD

PreBuild Solutions

27.21	0.5mm 3Pair Instrument Cable	VSD
23.04	0.5mm 3Pair Instrument Cable	VSD
40.39	0.5mm 3Pair Instrument Cable	VSD
33.90	0.5mm 3Pair Instrument Cable	VSD
32.93	0.5mm 3Pair Instrument Cable	VSD
32.06	0.5mm 3Pair Instrument Cable	VSD
29.82	0.5mm 3Pair Instrument Cable	VSD
39.92	0.5mm 3Pair Instrument Cable	VSD
37.76	0.5mm 3Pair Instrument Cable	VSD
61.09	0.5mm 3Pair Instrument Cable	VSD
52.10	0.5mm 3Pair Instrument Cable	VSD
60.67	0.5mm 3Pair Instrument Cable	VSD
24.63	0.5mm 3Pair Instrument Cable	VSD
47.30	0.5mm 3Pair Instrument Cable	VSD
39.96	0.5mm 3Pair Instrument Cable	VSD
45.79	0.5mm 3Pair Instrument Cable	VSD
40.14	0.5mm 3Pair Instrument Cable	VSD
52.06	0.5mm 3Pair Instrument Cable	VSD
52.91	0.5mm 3Pair Instrument Cable	VSD
51.20	0.5mm 3Pair Instrument Cable	VSD
44.45	0.5mm 3Pair Instrument Cable	VSD
47.50	0.5mm 3Pair Instrument Cable	VSD
42.63	0.5mm 3Pair Instrument Cable	VSD
37.07	0.5mm 3Pair Instrument Cable	VSD
36.45	0.5mm 3Pair Instrument Cable	VSD
		DOL
31.27	0.5mm 3Pair Instrument Cable	VSD
32.48	0.5mm 3Pair Instrument Cable	VSD

Build Solutions