

## LAMPIRAN

### 1.Data pengujian terhadap kabel yang lurus

(A)	Waktu (menit)	Temperatur(°C)					
		T <sub>s</sub>	T <sub>l</sub>	T <sub>il</sub>	T <sub>i2</sub>	T <sub>c1</sub>	T <sub>c2</sub>
0	5	28.3	28.2	27.9	27.8	27.4	27.4
1	5	28.2	28.2	27.6	27.7	27.5	27.3
2	5	28.4	28.3	28.9	28.9	28.8	28.6
3	5	28.3	28.2	28.2	28.1	28.2	28.2
4	5	28.1	28.0	28.2	28	28.2	28.2
5	5	31.5	29.8	29.5	29	29.1	29.2
10	5	30.2	31.4	31.1	31.2	33.2	30.7
15	5	32.8	33.8	33.8	33	35.5	34.4
19	5	35.6	37.9	39.0	36.5	44.7	37.3
20	5	37.5	40.8	42.0	38.6	47	39.1
25	0.2	32.2	33.1	35.7	29	39.9	31.4
	0.5	35.9	44	40.6	32	44.2	36.8
	5	43.6	48.2	49.7	48.1	57.3	44.1
30	0.2	33.2	35	38.7	31.1	42.7	32.1
	0.5	40	44	48.4	36.3	51.3	40.2
	5	51.5	50.8	60.4	51	66.2	52
35	0.2	35	36.1	39.4	31.6	48.5	32.8
	0.5	43	47.9	57.3	39.9	63.9	43.4
	5	58	65.7	73.2	60.2	84	68.9
40	0.2	35.9	40.4	45.1	33.2	51.7	32.7
	0.5	52.2	55	64.6	44.5	73.7	47.8
	5	70.8	83.9	95.5	73.5	107	76.8
45	0.2	37.8	48.3	52.2	33.1	60	35.1
	0.5	55.6	63	77.7	45.1	81.3	54.4
	5	84.4	97	116.2	78.5	126	87.5
46	15	90.6	100	120.6	92.2	135	96
47	15	96.4	110.1	136	95.0	150.8	101.1
48	15	102.6	126.4	152	99.7	162	107
50	15	109	136	167	113	180	114
52	15	129.1	144.4	184	117	192	122
54	15	140.8	159.5	199	122	204	133
55	15	157.2	165.6	meleleh	128	223	136.2
56	15	meleleh	meleleh	meleleh	134	262	150

T<sub>ruang</sub> = 27,5°C

Kelembaban = 56 %

## 2.Data pengujian terhadap kabel yang ditekuk

Arus (A)	Waktu (menit)	Temperatur(°C)					
		T <sub>s</sub>	T <sub>1</sub>	T <sub>i1</sub>	T <sub>i2</sub>	T <sub>c1</sub>	T <sub>c2</sub>
0	5	29.1	28.5	28.7	29.1	28.7	29
1	5	28.3	28.5	29.1	28.5	28.4	28.4
2	5	28.4	28.5	28.9	28.7	28.8	28.8
3	5	29.9	28.9	30.5	29	29.3	29.9
4	5	29.1	29.9	29.5	29.5	28.8	28.6
5	5	29	29.2	29.6	28.8	29.6	28.9
10	5	30.4	32.1	31.9	31.9	32.7	31.2
15	5	34.4	35.9	35.4	32.7	37.7	34
20	5	38	42.2	42.2	34.9	45.6	39.1
25	0.2	31.9	35.3	38.1	31	40.5	31.3
	0.5	38	44.2	46	38.5	47.2	39.3
	5	41.1	49.4	56	42	60.9	45
30	0.2	33.5	58.1	41.2	32.4	43.9	33.2
	0.5	42.5	46.4	52	41.7	55.2	44
	5	56.1	62	63.5	50	73.9	56
35	0.2	35.1	42.6	45.5	35	49	36.1
	0.5	46.4	52.2	60	49.5	65.5	51
	5	62.1	75	81.4	54.2	90.5	68
40	0.2	36.3	43.8	49.6	36.6	59.2	39.3
	0.5	54.1	61.9	71.2	55	83.8	59.6
	5	80	97	102	79	114	79
45	0.2	40.2	47.3	52.6	40.2	58.7	43.6
	0.5	62.4	70.6	83.1	63.9	91.7	66.4
	5	94	111.5	122.3	93.4	148.4	96.9
46	15	101.3	122.8	133.6	100.3	156	102.1
48	15	110.6	139	170	106	186	114
50	15	131	154.6	195	122	212	126
52	15	140	161.1	211	129	135	230
53	15	162.2	168.3	meleleh	135	260	141
54	15	meleleh	meleleh	meleleh	167	295	170

T<sub>ruang</sub> = 27,5°C

Kelembaban = 56 %

### 3.Data pengujian terhadap kabel yang tidak sesuai standar

Arus (A)	waktu (menit)	Temperatur(°C)					
		T <sub>s</sub>	T <sub>1</sub>	T <sub>i1</sub>	T <sub>i2</sub>	T <sub>c1</sub>	T <sub>c2</sub>
0		27.9	28.3	28.5	28	28.3	29
1	5	28	28.2	29.6	29.4	28.7	28.3
2	5	28	28	28.6	28.4	29	29
3	5	28.5	28.7	29.1	29.8	29.4	28.9
4	5	29.3	29.8	29.9	29.8	30.4	30.3
5	5	30	31.2	31	30.2	32.1	31.2
10	5	37.4	39.7	41	38	43.9	38.2
15	5	52	59	61.1	52.2	65.3	52.4
19	5	51.9	71	77.4	65.6	88.3	67
20	5	70.4	78	86.5	70	96.6	71.5
22	5	78.1	91.3	108.5	76	118.4	77.5
23	15	82.3	101.3	128	86.9	135	88.3
24	15	86.5	112.4	132.9	91.1	143	95.4
26	15	98.6	130.6	149.1	108.1	164	110.5
28	15	105	141	175.8	119	202	120.3
30	15	122.5	152.5	meleleh	141	240	144.5
32	15	156.7	163.8	meleleh	163	276	166

T<sub>ruang</sub> = 27,5°C

Kelembaban = 56 %

### 4.Pengaruh arus terhadap waktu yang dibutuhkan kabel mengeluarkan asap

a.Kabel yang sesuai standar

- Kabel lurus

Arus (A)	Waktu(detik)
48	1057
50	682
52	381
54	264
55	145
56	100

- Kabel yang ditekuk

Arus (A)	Waktu(detik)
46	1052
48	528
50	347
52	283
53	152
54	57

- b.Kabel yang tidak sesuai standar

Arus(A)	Waktu(detik)
24	776
26	343
28	122
30	117
32	95

