

# ALLM. TELEFON A-B L.M. ERICSSON



## TELEPHONE CABLES AND INSULATED WIRES

WORKS: Älvsjö, near Stockholm, Sweden.

OFFICE: 26 Malmskillnadsgatan, Stockholm.

TELEGRAMS: Telefonbolaget, Stockholm.

No. 10 JULI 1922

# BELL-WIRE.

Diam. of conductors mm.	T Y P E					
	T B P			D B P		
	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.	Approximate diam. over all mm.	Code word	Price pr kg. Sw. cr.
0.8	1.40	aica	4.30	1.40	aico	4.50
0.9	1.50	aice	4.10	1.50	aicu	4.20
1.0	1.60	aici	4.—	1.60	aicab	4.10

Diam. of conductors mm.	T Y P E					
	T E P			D E P		
	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.
0.8	1.40	aicac	4.80	1.40	aicag	4.90
0.9	1.50	aicad	4.60	1.50	aicah	4.70
1.0	1.60	aicaf	4.40	1.60	aicaj	4.50

Diam. of conductors mm.	T Y P E					
	T K P			D K P		
	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.
0.8	—	aicak	—	—	aican	—
0.9	2.0	aical	5.60	2.0	aicap	5.70
1.0	—	aicam	—	—	aicaq	—

# RUBBER-INSULATED WIRE.

Diam. of conductors mm.	T Y P E					
	T G P			D G P		
	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.
0.8	1.80	aicigo	5.—	1.80	aiciha	10.40
0.9	1.90	aicigu	5.50	1.90	aicihe	11.40

Diam. of conductors mm.	T Y P E					
	T V P			D V P		
	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.
0.8	2.15	aicar	4.80	2.15	aicat	10.—
0.9	2.25	aicas	5.30	2.25	aicav	11.—

Diam. of conductors mm.	T Y P E					
	T V I			D V I		
	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.	Approximate diam. over all mm.	Code word	Price per kg. Sw. sr.
0.7	2.60	aicax	6.70	2.60	aicec	13.80
0.8	2.70	aicaz	7.10	2.70	aiced	14.60
0.9	2.80	aiceb	7.50	2.80	aicef	15.50

# TELEPHONE CABLES

## Type EEB.

No. of conductors	Diam. of conductor mm.	Approximate diam. over all mm.	Code word	Price per 100 Mtrs. Sw. cr.
2	0.7	2.9 × 4.1	aiceg	16.—
4	>	5.0	aiceh	24.—
7	0.5	4.8	aicej	32.—
12	>	6.3	aicek	47.—
14	>	6.4	aicel	52.—
18	>	7.1	aicem	57.—
22	>	7.7	aicen	66.—
26	>	8.2	aicep	74.—
32	>	8.9	aiceq	84.—
36	>	9.4	aicer	91.—
42	>	9.7	aices	100.—
48	>	10.2	aicet	112.—
52	>	10.4	aicev	118.—
62	>	11.3	aicex	133.—
68	>	11.9	aicez	145.—
72	>	12.2	aicib	150.—
82	>	12.9	aicic	165.—
104	>	14.1	aicid	206.—
120	>	14.9	aicif	230.—
168	>	17.2	aicig	312.—
204	>	18.9	aicih	360.—

# TELEPHONE CABLES

## Type EBB.

No. of conductors	Diam. of con- ductor mm.	Approximate diam. over all mm.	Code word	Price per 100 Mtrs. Sw. cr.
2	0.5	3.7	aicihi	14.50
4	»	4.1	aiciho	20.—
7	»	5.2	aicihu	34.—
12	»	6.6	aicija	53.—
14	»	6.8	aicije	58.—
18	»	8.1	aiciji	63.—
22	»	8.3	aicijo	72.—
26	»	8.9	aiciju	79.—
32	»	9.9	aicika	90.—
36	»	10.1	aicike	95.—
42	»	10.7	aiciki	101.—
48	»	11.8	aiciko	117.—
52	»	11.9	aiciku	125.—
62	»	12.6	aicila	144.—
68	»	13.1	aicile	156.—
72	»	13.2	aicili	163.—
82	»	13.9	aicilo	182.—
104	»	15.6	aicilu	224.—
120	»	16.3	aicima	254.—
168	»	19.0	aicime	345.—
204	»	21.1	aicimi	400.—

# DRY CORE TELEPHONE CABLES

## Type EPB.

No. of conductors	Diam. of conductor mm.	Approximate diam. over all mm.	Code word	Price per 100 Mtrs. Sw. cr.
10×2	0.4	8.8	aicejo	59.—
20×2	»	11.0	aiceju	93.—
30×2	»	12.6	aiceka	116.—
40×2	»	14.0	aiceke	137.—
50×2	»	15.5	aiceki	164.—
75×2	»	18.3	aiceko	222.—
100×2	»	20.7	aiceku	286.—
10×2	0.5	9.5	aicela	67.—
20×2	»	11.9	aicele	104.—
30×2	»	13.7	aiceli	132.—
40×2	»	15.4	aicelo	165.—
50×2	»	16.8	aicelu	187.—
75×2	»	20.0	aicema	267.—
100×2	»	22.6	aiceme	342.—
150×2	»	27.1	aicemi	471.—
200×2	»	30.7	aicemo	600.—
10×2	0.6	10.9	aicemu	77.—
20×2	»	13.8	aicena	121.—
30×2	»	16.1	aicene	161.—
40×2	»	18.2	aiceni	202.—
50×2	»	20.0	aiceno	241.—
75×2	»	23.8	aicenu	337.—
100×2	»	26.9	aicepa	429.—
150×2	»	32.0	aicepe	573.—
200×2	»	36.5	aicepi	733.—

No. of conductors	Diam. of conductor mm.	Approximate diam. over all mm.	Code word	Price per 100 Mtrs. Sw. cr.
10×2	0.7	12.3	aicojo	90.—
20×2	»	15.8	aicoju	156.—
30×2	»	18.5	aicoka	200.—
40×2	»	20.8	aicoke	250.—
50×2	»	22.9	aicoki	298.—
75×2	»	27.3	aicoko	417.—
100×2	»	30.9	aicoku	530.—
150×2	»	37.0	aicola	722.—
200×2	»	42.0	aicole	913.—

Quotations for other kinds of wires and cables will be given on application.

# COTTON COVERED COPPER WIRE.

Diam. of conduc- tor mm.	T Y P E					
	T B E			T B D		
	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.
0.10	0.21	aicij	27.—	—	aicut	—
0.11	0.22	aicik	24.80	—	aicuv	—
0.12	0.23	aicil	22.—	—	aicux	—
0.13	0.24	aicim	21.60	—	aicuz	—
0.14	0.25	aicin	18.30	—	aicaba	—
0.15	0.26	aicip	17.—	0.37	aicabe	21.20
0.16	0.27	aiciq	15.60	0.38	aicabi	20.40
0.17	0.28	aicir	14.70	0.39	aicabo	19.50
0.18	0.29	aicis	13.70	0.40	aicabu	18.70
0.19	0.30	aicit	12.90	0.41	aicaca	18.40
0.20	0.31	aiciv	12.30	0.42	aicace	17.—
0.25	0.36	aicix	9.90	0.47	aicaci	13.80
0.30	0.41	aiciz	8.20	0.52	aicaco	10.30
0.35	0.46	aicob	7.70	0.57	aicacu	9.10
0.40	0.51	aicoc	7.10	0.62	aicada	7.80
0.45	0.57	aicod	6.50	0.67	aicade	7.—
0.50	0.63	aicof	5.90	0.76	aicadi	6.10
0.55	0.68	aicog	5.20	0.81	aicado	5.70
0.60	0.73	aicoh	4.90	0.86	aicadu	5.30
0.65	0.78	aicoj	4.70	0.91	aicafa	5.10
0.70	0.83	aicok	4.30	0.96	aicafe	4.80
0.75	0.88	aicol	4.20	1.01	aicafi	4.70
0.80	0.93	aicom	4.10	1.06	aicafu	4.55
0.85	0.98	aicon	4.—	1.11	aicafu	4.40

Diam. of conductor mm.	TYPE					
	T B E			T B D		
	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.
0.90	1.03	aicop	3.95	1.16	aicaga	4,30
0.95	1.09	aicoq	3.90	1.21	aicage	4.20
1.00	1.16	aicor	3.80	1.32	aicagi	4.15
1.10	1.26	aicos	3.75	1.42	aicago	4.—
1.20	1.36	aicot	3.65	1.52	aicagu	3.70
1.30	1.46	aicov	3.60	1.62	aicaha	3.60
1.40	1.56	aicox	3.50	1.72	aicahc	3.50
1.50	1.66	aicoz	3.35	1.82	aicahi	3.40
1.60	1.76	aicub	3.30	1.92	aicaho	3.35
1.70	1.86	aicuc	3.20	2.02	aicahu	3.30
1.80	1.96	aicud	3.15	2.12	aicaja	3.20
1.90	2.06	aicuf	3.05	2.22	aicaje	3.15
2.00	2.16	aicug	3.—	2.32	aicaji	3.10
2.10	—	aicuh	—	2.42	aicajo	3.08
2.20	—	aicuj	—	2.52	aicaju	3.05
2.30	—	aicuk	—	2.62	aicaka	3.02
2.40	—	aicul	—	2.72	aicake	3.—
2.50	—	aicum	—	2.82	aicaki	2.98
2.60	—	aicun	—	2.92	aicako	2.96
2.70	—	aicup	—	3.02	aicaku	2.20
2.80	—	aicuq	—	3.12	aicala	2.18
2.90	—	aicur	—	3.22	aicale	2.16
3.00	—	aicus	—	3.36	aicali	2.14

The price are to be understood for wire insulated with white yarn. Wire insulated with green coloured yarn 5 % higher. Thinner insulation than usual 10 % higher. Prices for cotton insulated square copper are given at request.

# ENAMELLED AND ENAMELLED SINGLE COTTON COVERED COPPER WIRE.

Diam. of conductor mm.	TYPE					
	TE			TEE		
	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.
0.050	0.065	aicalo	—	—	—	—
0.055	0.070	aicalu	—	—	—	—
0.060	0.075	aicana	—	—	—	—
0.065	0.080	aicame	—	—	—	—
0.070	0.085	aicami	24.50	—	—	—
0.075	0.090	aicamo	22.—	—	—	—
0.080	0.095	aicamu	19.40	—	—	—
0.085	0.100	aicana	17.90	—	—	—
0.090	0.105	aicane	16.30	—	—	—
0.10	0.115	aicani	13.10	0.225	aicati	31.80
0.11	0.125	aicano	11.70	0.235	aicato	27.70
0.12	0.135	aicanu	10.50	0.245	aicatu	23.40
0.13	0.145	aicapa	9.50	0.255	aicava	21.50
0.14	0.156	aicape	8.50	0.266	aicave	19.50
0.15	0.167	aicapi	7.60	0.277	aicavi	18.—
0.16	0.178	aicapo	7.20	0.288	aicavo	16.50
0.17	0.188	aicapu	6.70	0.298	aicavu	15.20
0.18	0.199	aicaqa	6.30	0.309	aicaxa	13.80
0.19	0.209	aicaqe	5.90	0.320	aicaxe	13.—
0.20	0.220	aicaqi	5.60	0.330	aicaxi	12.30
0.21	0.230	aicaqo	5.50	0.340	aicaxo	11.80
0.22	0.240	aicaqu	5.30	0.350	aicaxu	11.30
0.23	0.250	aicara	5.20	0.360	aicaza	10.80
0.24	0.260	aicare	5.10	0.370	aicaze	10.20

Diam. of conductor mm.	T Y P E					
	T E			T E E		
	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.
0.25	0.270	aicari	4.90	0.38	aicazi	9.70
0.30	0.320	aicaro	4.80	0.43	aicazo	8.50
0.35	0.370	aicaru	4.50	0.48	aicazu	7.—
0.40	0.420	aicasa	4.40	0.53	aiceba	6.30
0.45	0.470	aicase	4.20	0.59	aicebe	5.80
0.50	0.520	aicasi	4.10	0.65	aicebi	5.30
0.55	0.570	aicaso	4.—	0.70	aicebo	4.90
0.60	0.620	aicasu	3.90	0.75	aicebu	4.70
0.65	0.670	aicata	3.70	0.80	aiceca	4.40
0.70	0.720	aicate	3.60	0.85	aicece	4.30
0.80	0.820	aicega	—	0.95	aiceci	—
0.90	0.920	aicege	—	1.05	aiceco	—
1.00	1.020	aicegi	—	1.15	aicecu	—
1.10	1.12	aicego	—	1.25	aiceda	—
1.20	1.22	aicegu	—	1.35	aicede	—
1.30	1.32	aiceha	—	1.45	aicedi	—
1.40	1.42	aicehe	—	1.55	aicedo	—
1.50	1.52	aicehi	—	1.65	aicedu	—
1.60	1.62	aiceho	—	1.75	aicefa	—
1.70	1.72	aicehu	—	1.85	aicefe	—
1.80	1.82	aiceja	—	1.95	aicefi	—
1.90	1.92	aiceje	—	2.05	aicefo	—
2.00	2.02	aiceji	—	2.15	aicefu	—

Intermediate dimensions to the same price as next preceding diameter. Prices for other dimensions upwards to 2 mm. are given at request.

# SILK COVERED COPPER WIRE.

Diam. of conductor mm.	T Y P E					
	T S E			T S D		
	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.
0.05	0.09	aicepo	120.—	0.12	aicexo	140.—
0.06	0.10	aicepu	94.—	0.13	aicexu	115.—
0.065	0.105	aiceqa	73.—	0.135	aiceza	104.—
0.07	0.11	aiceqe	65.—	0.14	aiceze	96.—
0.075	0.115	aiceqi	59.—	0.145	aicezi	89.—
0.08	0.12	aiceqo	55.—	0.15	aicezo	81.—
0.09	0.13	aicequ	47.—	0.16	aicezu	69.—
0.10	0.14	aicera	40.—	0.17	aiciba	60.—
0.11	0.15	aicere	36.—	0.18	aicibe	53.—
0.12	0.16	aiceri	32.—	0.19	aicibi	48.—
0.14	0.18	aicero	28.—	0.21	aicibo	40.—
0.15	0.19	aiceru	25.—	0.22	aicibu	37.—
0.16	0.20	aicesa	23.—	0.23	aicica	35.—
0.18	0.22	aicese	20.50	0.25	aicice	30.60
0.20	0.24	aicesi	18.30	0.27	aicici	28.—
0.22	0.26	aiceso	16.70	0.29	aicico	25.—
0.25	0.29	aicesu	14.70	0.32	aicicu	21.80
0.30	0.35	aiceta	14.40	0.38	aicida	18.70
0.35	0.40	aicete	12.70	0.43	aicide	17.30
0.40	0.45	aiceti	11.50	0.48	aicidi	14.60
0.45	0.50	aiceto	10.70	0.53	aicido	14.10

Diam. of conductor mm.	TYPE					
	T S E			T S D		
	Approximate diam. over all mm.	Code word	Price per kg. Sw cr.	Approximate diam. over all mm.	Code word	Price per kg. Sw. cr.
0.50	0.57	aicetu	10.40	0.60	aicidu	13.30
0.55	0.62	aiceva	9.60	0.65	aicifa	12.80
0.60	0.67	aiceve	8.90	0.70	aicife	11.60
0.65	0.72	aicevi	8.50	0.75	aicifi	11.—
0.70	0.77	aicevo	7.70	0.80	aicifo	10.40
0.80	0.87	aicevu	7.—	0.90	aicifu	9.50
0.90	0.97	aieexa	6.50	1.00	aiciga	8.70
1.00	1.07	aicexe	6.10	1.10	aicige	8.20
1.20	1.27	aicexi	5.50	1.30	aicigi	7.20

Intermediate dimensions to the same price as next preceding diameter.

# ENAMELLED SILK COVERED COPPER WIRE.

Diam. of conduc- tor mm.	T Y P E					
	T E S E			T E S D		
	Approxi- mate diam. over all mm.	Code word	Price per kg. Sw. cr.	Approxi- mate diam. over all mm.	Code word	Price per kg. Sw. cr.
0.06	0.115	aicimo	108.—	0.145	aiciso	133.—
0.065	0.12	aicimu	96.—	0.15	aicisu	121.—
0.07	0.125	aicina	86.—	0.155	aicita	111.—
0.075	0.13	aicine	77.—	0.16	aicite	103.—
0.08	0.135	aicini	71.—	0.165	aiciti	94.—
0.09	0.145	aicino	61.—	0.175	aicito	81.—
0.10	0.155	aicinu	53.—	0.185	aicitu	72.—
0.11	0.165	aicipa	46.—	0.195	aiciva	64.—
0.12	0.175	aicipe	42.—	0.205	aicive	58.—
0.14	0.196	aicipi	34.—	0.226	aicivi	48.—
0.15	0.207	aicipo	31.50	0.237	aicivo	44.50
0.16	0.218	aicipu	29.—	0.248	aicivu	41.—
0.18	0.239	aiciqa	25.—	0.269	aicixa	36.—
0.20	0.26	aiciqe	22.30	0.290	aicixe	32.—
0.22	0.28	aiciqi	20.40	0.310	aicixi	29.—
0.25	0.36	aiciqo	17.70	0.340	aicixu	25.40
0.30	0.37	aiciqu	17.20	0.400	aiciza	23.40
0.35	0.42	aicira	13.80	0.450	aicize	21.—
0.40	0.47	aicire	12.20	0.500	aicizi	18.50
0.45	0.52	aiciri	11.80	0.550	aicizo	16.80
0.50	0.59	aicro	11.70	0.62	aicizu	15.30
0.55	0.64	aiciru	10.90	0.67	aicoba	14.10
0.60	0.69	aicisa	10.10	0.72	aicobe	13.—
0.65	0.74	aicise	9.50	0.77	aicobi	12.20
0.70	0.79	aicisi	9.—	0.82	aicobo	11.60

# FLEXIBLE CABLE FOR INTERCOM- MUNICATION SYSTEMS

## Type MBY.

No of conductors	Catalogue number	Approximate diam. over all mm.	Code word	Price pr kg. Sw. cr.
7	—	5.7	aicobu	46.—
15	RS 9900/15	7.6	aicoca	70.—
20	RS 9900/20	9.1	aicoce	91.—
26	RS 9900/26	9.6	aicoci	103.—
40	RS 9900/40	10.9	aicoco	144.—
50	RS 9900/50	12.2	aicocu	171.—
62	—	13.2	aicoda	202.—
70	RS 9900/70	13.6	aicode	222.—
82	—	14.5	aicodi	250.—
90	RS 9900/90	15.7	aicodo	270.—
104	—	16.2	aicodu	296.—
110	RS 9900/110	16.5	aicofa	310.—
120	—	17.0	aicofe	335.—
132	—	17.7	aicofi	365.—
168	—	19.6	aicofa	450.—
204	—	21.9	aicofu	560.—

For cables to any other specification prices are given at request.

We manufacture various types of telephone cords insulated with combinations of silk, cotton and rubber.

Send us your specifications or sample and we will quote price.

# FLEXIBLE CABLE FOR INTERCOM- MUNICATION SYSTEMS

## Type MSY.

No of conductors	Catalogue number	Approximate diam. over all mm.	Code word	Price pr kg. Sw. cr.
7	—	4.9	aicoga	75.—
15	—	6.0	aicoge	104.—
20	—	7.3	aicogi	122.—
36	RS 9910/36	8.3	aicogo	180.—
46	RS 9910/46	9.4	aicogu	88.—
58	RS 9910 58	10.0	aicoha	270.—
62	—	10.2	aicohe	285.—
82	RS 9910/82	11.2	aicohi	360.—
104	—	12.4	aicoho	445.—
120	—	13.0	aicohu	510.—
132	RS 9910/132	13.5	aicoja	560.—
168	RS 9910/168	14.9	aicoje	690.—
204	—	16.5	aicoji	850.—

For cables to any other specification prices are given at request.

We manufacture various types of telephone cords insulated with combinations of silk, cotton and rubber.

Send us your specifications or sample and we will quote price.

# Specifications.

## Bell wire.

Type.

- TBP** High conductivity annealed tinned copper, insulated with two layers of cotton applied in reverse directions, impregnated with paraffin. Colours: gray, white, yellow, brown, red, blue or green.
- DBP** Two wires as above twisted together.
- TEP** High conductivity annealed enamelled copper, insulated with two layers of cotton applied in reverse directions, impregnated with paraffin. Colours: gray, white, yellow, brown, red, blue or green.
- DEP** Two wires as above twisted together.
- TKP** High conductivity annealed tinned copper, insulated with one layer of cotton applied longitudinally and one layer of cotton applied round the core, compounded and finished with one layer of cotton impregnated with paraffin. Colours: gray or white.
- DKP** Two wires as above twisted together.

## Rubber-insulated wire.

- TGP** High conductivity annealed tinned copper insulated with one layer of pure para rubber tape, and two layers of cotton impregnated with paraffin. Colours: gray or white.
- DGP** Two wires as above twisted together.
- TVP** High conductivity annealed tinned copper, insulated with vulcanized rubber and one layer of cotton, impregnated with paraffin. Colours: gray or white.
- DVP** Two wires as above twisted together.
- TVI** High conductivity annealed tinned copper insulated with vulcanized rubber and finished with a compounded cotton braiding.
- DVI** Two wires as above twisted together.

## Telephon-cables.

- EEB** Each conductor composed of high conductivity annealed enamelled copper wire, insulated with one layer of cotton, impregnated with pure beeswax, the cores suitably cabled up, wound with one layer of cotton tape and sheathed with a seamless tube of pure lead.

**EBB** Each conductor composed of high conductivity annealed plain copper wire insulated with two layers of cotton, impregnated with pure beeswax, the cores suitably cabled up, wound with one layer of cotton tape and sheathed with a seamless tube of pure lead.

**EPB** Each conductor composed of high conductivity annealed plain copper wire, wound spirally with paper, the cores twisted in pairs and the required number cabled up in layers of reverse directions, wound with one layer of paper and one layer of cotton tape, finally sheathed with a seamless lead tube containing 3 % tin.

## **Flexible cables for intercommunication systems.**

**MBY** Each conductor composed of 7 high conductivity annealed plain copper wires, each 0,18 mm in diameter, insulated with two layers of cotton impregnated with paraffin, the cores suitably cabled up and braided over all with two layers of green cotton.

**MSY** Each conductor composed of 7 high conductivity annealed plain copper wires, each 0,18 mm. in diameter, insulated with two layers of silk impregnated with pure beeswax, the cores suitably cabled up and braided over all with two layers of green cotton.

## **Insulated copper wire.**

**TBE** High conductivity annealed plain copper insulated with one layer of white cotton.

**TBD** High conductivity annealed plain copper insulated with two layers of white cotton.

**TE** High conductivity annealed enamelled copper.

**TEE** High conductivity annealed enamelled copper insulated with one layer of white cotton.

**TESE** High conductivity annealed enamelled copper insulated with one layer of best selected »Milan tram« silk.

**TESD** High conductivity annealed enamelled copper insulated with two layers of best selected »Milan tram« silk.

**TSE** High conductivity annealed plain copper insulated with one layer of best selected »Milan tram« silk.

**TSD** High conductivity annealed plain copper insulated with two layers of best selected «Milan tram» silk.

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