

Paper-Insulated, Lead-Covered, Double Steel Tape Armoured Cables



ECJ solid conductor for
6–25 mm².

FCJ stranded conductor
above 25 mm².

Spec.ref. SEN 37–1949.

Single-core cables

Copper conductor.

Insulation of impregnated paper.

Lead sheath.

Compound.

Bedding.

Double steel tape armour.

Compound.

Serving.

Compound.

Application: mainly for laying in

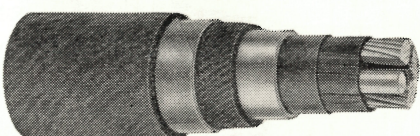
the ground.

* The insulation class figure gives the peak value in kV of the 1/50 μ s impulse test voltage which the insulation in the complete installation shall withstand.

Area mm ²	Diam. over lead sheath mm	Diam. over all mm	Weight		
			Copper	Lead	Total
			kg per 100 m		

Single-core. Rated voltage 1000 V. Insulation class 30 *					
1×6	7,5	16,5	5,5	26,6	70
1×10	8,2	17	9,2	30	80
1×16	9,1	18	14,8	33,7	95
1×25	11	19	23,3	44,1	110
1×35	12,5	21	32,6	46,7	135
1×50	14	22	46,5	53,6	160
1×70	16	24	65,2	66,8	200
1×95	18	26	88,4	76,4	240
1×120	20	28	112	91,3	285
1×150	21,5	32	140	101	340
1×185	24	34	172	120	400
1×240	27	37	224	144	490
1×300	30	40	280	173	570

Paper-Insulated, Lead-Covered, Double Steel Tape Armoured Cables



ECJ solid conductors for
1,5–25 mm².

FCJ stranded conductors above
25 mm².

Spec. ref. SEN 37–1949.

2-, 3-, 4-core cables up to 10 000 V

Copper conductor.

Insulation of impregnated paper.

Cores laid up with paper fillers.

Belt insulation of impregnated

paper.

Lead sheath.

Compound.

Bedding.

Double steel tape armour.

Compound.

Serving.

Compound.

Application: mainly for laying in

the ground.

Area mm ²	Diam. over lead sheath mm	Diam. over all mm	Weight		
			Copper	Lead	Total
			kg per 100 m		
Twin-core. Rated voltage 1000 V. Insulation class 30 *					
2×2,5	10	18	4,6	37,6	90
2×4	11	19	7,4	41,8	100
2×6	12	20	11,1	46	110
2×10	14	22	18,5	54,9	135
2×16	16	24	29,5	66,1	165
Three-core. Rated voltage 1000 V. Insulation class 30 *					
3×1,5	9,5	18	4,2	36,3	85
3×2,5	10,5	18,5	7	39,7	95
3×4	11,5	19,5	11,1	44,4	110
3×6	13	21	16,6	48,9	120
3×10	14,5	23	27,7	62,6	150
3×16	17	25	44,3	70,9	185
3×25	19	27	69,8	93,7	240
3×35	21	31	97,8	98	290
3×50	23	33	140	106	360
3×70	26	36	196	131	450
3×95	29	39	265	158	560
3×120	34	44	336	211	690
3×150	38	50	419	244	890
3×185	41	53	517	284	1050
3×240	45	57	671	330	1260
Four-core. Rated voltage 1000 V. Insulation class 30 *					
4×2,5	11,5	19,5	9,2	43,3	105
4×4	12,5	21	14,8	48,1	120
4×6	14	22	22,1	53,1	135
4×10	16	24	36,9	67,7	175
4×16	18,5	27	59	76,2	215
3×25 + 16	20	28	85,1	95,6	265
3×35 + 25	23	33	122	106	330
3×50 + 35	26	36	173	131	420
3×70 + 35	29	39	229	155	510
3×95 + 50	33	43	311	189	650
3×120 + 70	35	45	402	220	800
3×150 + 95	42	54	510	288	1050
3×185 + 95	45	57	607	325	1200
3×240 + 120	51	63	784	410	1500

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