سیم و کابل انرژی

PVC insulated, non-sheathed cable for internal wiring, single core and twisted twin cable, up to 450/750 V

Cross-sectional area Nom.	No. of wires x diameter Nom.	Insulation thickness	Overall diameter	Insulation resistance at 70°C Min.	Weight Approx.	Conductor resistance at 20°C Max.
mm^2	mm	mm	mm	MΩ.km	kg/km	Ω/km
0.5	1 x 0.80	0.6	2.3	0,015	9	36.0
0.75	1 x 0.98	0.6	2.5	0,012	11	24.5
1	1 x 1.13	0.6	2.7	0,011	15	18.1
1.5	1 x 1.38	0.7	3.2	0.011	21	12.1
2.5	1 x 1.78	0.8	3.9	0.010	31	7.41
4	1 x 2.25	0.8	4.4	0.0085	48	4.61
6	1 x 2.76	0.8	5.0	0.0070	68	3.08
10	1 x 3.57	1.0	6.4	0.0070	112	1.83
0.5	7 x 0.31	0.6	2.4	0.014	10	36.0
0.75	7 x 0.37	0.6	2.6	0.012	14	24.5
1	7 x 0.43	0.6	2.8	0.011	17	18.1
1.5	7 x 0.52	0.7	3.3	0.010	21	12.1
2.5	7 x 0.67	0.8	4.0	0.009	33	7.41
4	7 x 0.85	0.8	4.6	0.0077	51	4.61
6	7 x 1.04	0.8	5.2	0.0065	72	3.08
10	7 x 1.35	1.0	6.7	0.0065	118	1.83
16	7 x 1.70	1.0	7.8	0.0050	178	1.15
25	7 x 2.14	1.2	9.7	0.0050	279	0.727

Application:

- In dry rooms, apparatus, switch and distribution boards, for fixed installation in conduits, over and under plaster and on insulated supports over plaster. Direct laying in plaster is not permitted.
- Minimum bending radius: 4 times of maximum overall diameter.

Standard:

- ISIRI (607)01
- ISIRI (607)05
- EC (60227)01
- IEC (60227)05
- BS 6004
- HD 21

Construction:

- Annealed copper conductor, class 1 & 2.
- PVC insulation, type C.

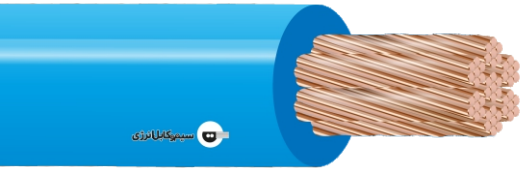
General specification:

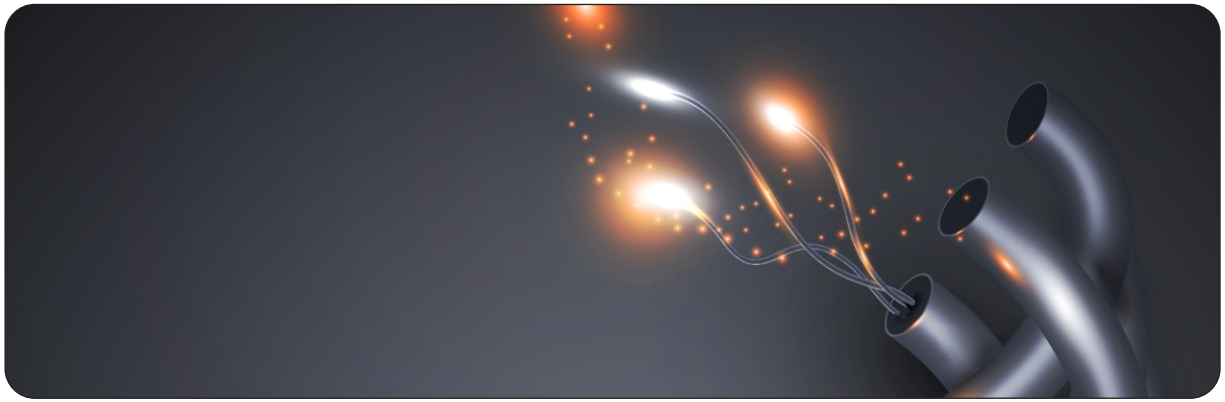
- Working temperature: Max. 70°C.
- Harmonized code designation and rated voltage:
  solid conductor : H05V-U (300/500 V), H07V- U (450/750 V), stranded conductor:H05V-R (300/500 V),
  H07V-R(450/750 V).

PVC insulated, non-sheathed cable for internal wiring, single core and twisted twin cable, up to 450/750 V

سیمو کابل انرژی

PVC insulated, non-sheathed cable for internal wiring, single core and twisted twin cable, up to 450/750 V





Cross-sectional area Nom.	No. of wires x diameter Nom.	Insulation thickness	Overall diameter	Insulation resistance at 70°C Min.	Weight Approx.	Conductor resistance at 20°C Max.
mm^2	mm	mm	mm	MΩ.km	kg/km	Ω/km
0.5	16 x 0.20	0.6	2.2	0.013	9	39
0.75	24 x 0.20	0.6	2.4	0.011	12	26
1	32 x 0.20	0.6	2.6	0.010	15	19.5
1.5	30 x 0.25	0.7	3.0	0.010	21	13.3
2.5	50 x 0.25	0.8	3.6	0.009	33	7.98
4	36 x 0.30	0.8	4.2	0.007	48	4.95
6	84 x 0.30	0.8	4.8	0.006	68	3.30
10	80 x 0.40	1.0	6.1	0.0056	114	1.91
16	126 x 0.40	1.0	7.1	0.0046	173	1.21
25	196 x 0.40	1.2	9.3	0.0044	272	0.780

Application:

- In dry rooms, apparatus, switch and distribution boards, for fixed installation in conduits, over and under plaster and on insulated supports over plaster. Direct laying in plaster is not permitted.
- Minimum bending radius: 5 times of maximum overall diameter.

Standard:

- ISIRI (607)02
- ISIRI (607)06
- IEC (60227)02
- IEC (60227)06
- BS 6004
- HD 21

Construction:

- Annealed copper conductor, class 5.
- PVC insulation, type C.

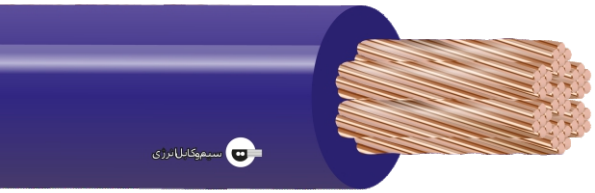
General specification:

- Working temperature: Max. 70°C.
- Harmonized code designation and rated voltage: H05V-K (300/500 V), H07V-K (450/750 V).

PVC insulated, non-sheathed cable for internal wiring, single core and twisted twin cable, up to 450/750 V

سیمو کابل انرژی

PVC insulated, non-sheathed, heat resisting cable for internal wiring, single core and twisted twin, 300/500 V



Cross-sectional area Nom.	No. of wires x diameter Nom.	Insulation thickness	Overall diameter	Insulation resistance at 90°C Min.	Weight Approx.	Conductor resistance at 20°C Max.
mm^2	mm	mm	mm	MΩ.km	kg/km	Ω/km
0.5	1 x 0.80	0.6	2.3	0.015	9	36.0
0.75	1 x 0.98	0.6	2.5	0.013	11	24.5
1	1 x 1.13	0.6	2.7	0.012	15	18.1
1.5	1 x 1.38	0.7	3.2	0.011	21	12.1
2.5	1 x 1.78	0.8	3.9	0.009	31	7.41
0.5	7 x 0.31	0.6	2.4	0.014	10	36.0
0.75	7 x 0.37	0.6	2.6	0.012	14	24.5
1	7 x 0.43	0.6	2.8	0.011	17	18.1
0.5	16 x 0.20	0.6	2.5	0.013	9	39.0
0.75	24 x 0.20	0.6	2.7	0.012	12	26.0
1	32 x 0.20	0.6	2.8	0.010	15	19.5
1.5	30 x 0.25	0.7	3.4	0.009	21	13.3
2.5	50 x 0.25	0.8	4.1	0.009	33	7.98

Application:

- In dry rooms, apparatus, switch and distribution boards, for fixed installation in conduits, over and under plaster and on insulated supports over plaster. Direct laying in plaster is not permitted.
- Minimum bending radius: 4 times of maximum overall diameter.

Standard:

- ISIRI (607)07
- ISIRI (607)08
- IEC (60227)07
- IEC (60227)08
- BS 6004
- HD 21

Construction:

- Annealed copper conductor, class 1, 2 & 5.
- PVC insulation, type E.

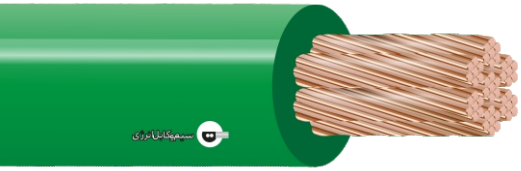
General specification:

- Rated voltage: 300/500 V.
- Working temperature: Max. 90°C.
- Harmonized code designation:
  solid conductor: H05V2-U, stranded conductor: H05V2-R & flexible conductor: H05V2-K.

PVC insulated, non-sheathed, heat resisting cable for internal wiring, single core and twisted twin, 300/500 V

سیمو کابل انرژی

PVC insulated, non-sheathed cable for automotive, AV



- A: Low-tension cable for automobiles.
- V: Vinyl insulated.

Application:

- Wire harness of low-tension electric circuits for automobiles and motorcycles.

Standard:

- JIS C 3406
- KS C 3311

Construction:

- Plain or tinned annealed stranded copper conductor.
- PVC insulated type Ti.

General specification:

- Working temperature: Max. 80°C.
- Resistant to oil, abrasion, cold and flame.
- Excellent flexibility.
- Available in colors and stripes.

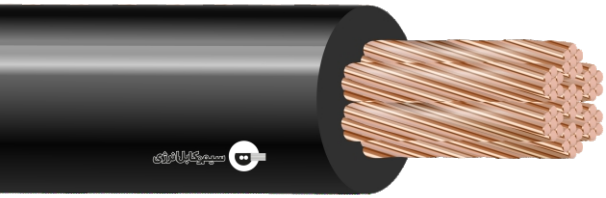
Cross-sectional area Nom.	No. of wires x diameter Nom.	Conductor diameter	Insulation thickness	Overall diameter	Weight Approx.	Current limit** Nom.	Conductor resistance at 20°C Max.
mm^2	mm	mm	mm	mm	kg/km	A	Ω/km
0.5f *	20 x 0.18	1.0	0.6	2.2	8	12	36.7
0.5	7 x 0.32	1.0	0.6	2.2	9	12	32.7
0.75f	30 x 0.18	1.2	0.6	2.4	12	15	24.4
0.85f	34 x 0.18	1.2	0.6	2.4	12	16	20.8
0.85	11 x 0.32	1.2	0.6	2.4	12	16	21.6
1.25f	50 x 0.18	1.5	0.6	2.7	17	21	14.7
1.25	16 x 0.32	1.5	0.6	2.7	17	20	14.3
2f	37 x 0.26	1.8	0.6	3.0	25	27	9.50
2	26 x 0.32	1.9	0.6	3.1	25	28	8.81
3	41 x 0.32	2.4	0.7	3.8	39	38	5.59
5	65 x 0.32	3.0	0.8	4.6	60	51	3.52
8	50 x 0.45	3.7	0.9	5.5	90	66	2.32
10	63 x 0.45	4.5	1.0	6.5	120	80	1.75
15	84 x 0.45	5.4	1.1	7.6	150	92	1.38
20	41 x 0.80	6.1	1.1	8.3	220	121	0.887
30	70 x 0.80	8.0	1.4	10.8	390	168	0.520
40	85 x 0.80	8.6	1.4	11.4	460	188	0.428

The "f" indicates a flexible conductor with a finer wire diameter.
Current limit is for conductor temperature of 80° C (maximum allowable temperature) and ambient temperature of 40° C.

PVC insulated, non-sheathed cable for automotive, AV

سیمو کابل نرژی

Thin-wall PVC insulated, non-sheathed cable for automotive, AVS



A: Low-tension cable for automobiles.
V: Vinyl insulated.
S: Thin-wall type.

Application:

- Wire harness of low-tension electric circuits for automobiles and motorcycles.

Standard:

- JASO D 611

Construction:

- Plain or tinned annealed stranded copper conductor.
- PVC insulation type T1.

General specification:

- Working temperature: Max. 80°C.
- Resistant to oil, abrasion, cold and flame.
- Excellent flexibility.
- Available in colors and stripes.

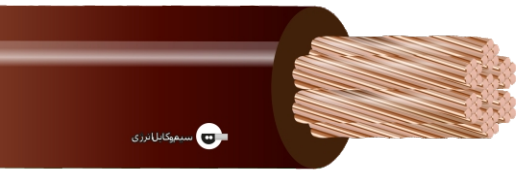
The "f" indicates a flexible conductor with a finer wire diameter.
Current limit is for conductor temperature of 80° C (maximum allowable temperature) and ambient temperature of 40° C.

Cross-sectional area Nom.	No. of wires x diameter Nom.	Conductor diameter	Insulation thickness	Overall diameter	Weight Approx.	Current limit** Nom.	Conductor resistance at 20°C Max.
mm^2	mm	mm	mm	mm	kg/km	A	Ω/km
0.3f *	15 x 0.18	0.8	0.5	1.8	6	9	48.9
0.3	7 x 0.26	0.8	0.5	1.8	6	9	50.2
0.5f	20 x 0.18	1.0	0.5	2.1	8	11	36.7
0.5	7 x 0.32	1.0	0.5	2.0	9	12	32.7
0.75f	30 x 0.18	1.2	0.5	2.2	11	14	24.4
0.85f	34 x 0.18	1.2	0.5	2.2	12	15	21.6
0.85	16 x 0.26	1.2	0.5	2.2	12	15	22.8
0.85	11 x 0.32	1.2	0.5	2.2	12	15	20.8
1.25f	50 x 0.18	1.5	0.5	2.5	16	20	14.7
1.25	16 x 0.32	1.5	0.5	2.5	16	20	14.3
2f	37 x 0.26	1.8	0.5	2.9	23	26	9.50
2	26 x 0.32	1.9	0.5	2.9	24	27	8.81
3	41 x 0.32	2.4	0.6	3.6	38	37	5.59
5	65 x 0.32	3.0	0.7	4.4	59	50	3.52

Thin-wall PVC insulated, non-sheathed cable for automotive, AVS

سیمو کابل انرژی

Very thin-wall PVC insulated, non-sheathed cable for automotive, AVSS



A: Low-tension cable for automobiles
V: Vinyl insulated
SS: Very thin-wall type

Application:

- Wire harness of low-tension electric circuits for automobiles and motorcycles.

Standard:

- JASO D 611

Construction:

- Plain or tinned annealed stranded copper conductor.
- PVC insulation type T1.

General specification:

- Working temperature: Max. 80°C.
- Resistant to oil, abrasion, cold and flame.
- Excellent flexibility.
- Available in colors and stripes.

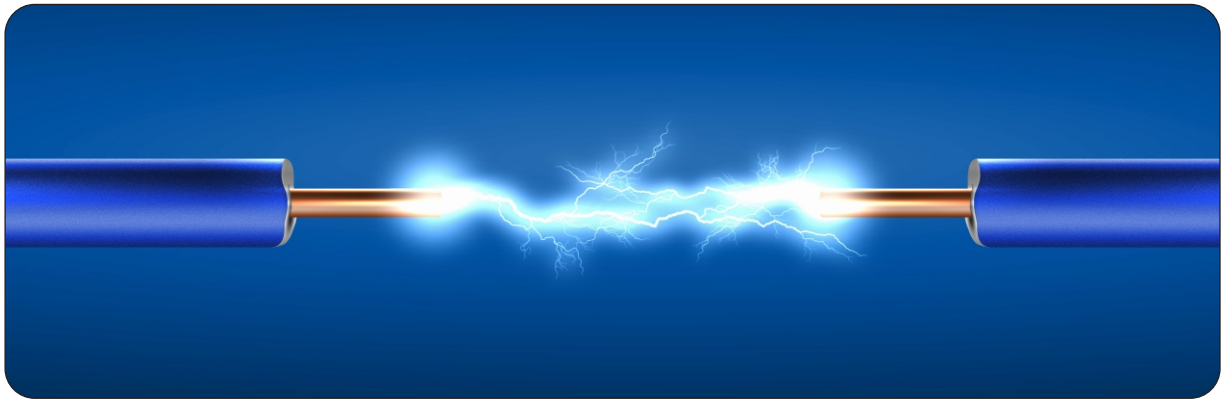
The "f" indicates a flexible conductor with a finer wire diameter.
Current limit is for conductor temperature of 80° C (maximum allowable temperature) and ambient temperature of 40° C.

Cross-sectional area Nom.	No. of wires x diameter Nom.	Conductor diameter	Insulation thickness	Overall diameter	Weight Approx.	Current limit** Nom.	Conductor resistance at 20°C Max.
mm^2	mm	mm	mm	mm	kg/km	A	Ω/km
0.3f*	19 x 0.16	0.8	0.3	1.4	5	8	48.8
0.3	7 x 0.26	0.8	0.3	1.4	5	8	50.2
0.5f	19 x 0.19	1.0	0.3	1.6	7	10	36.7
0.5	7 x 0.32	1.0	0.3	1.6	7	11	32.7
0.75f	19 x 0.23	1.2	0.3	1.8	10	14	24.4
0.85f	37 x 0.17	1.2	0.3	1.8	10	14	21.7
0.85	19 x 0.24	1.2	0.3	1.8	10	14	21.7
1.25f	37 x 0.21	1.5	0.3	2.1	14	19	14.7
1.25	19 x 0.29	1.5	0.3	2.1	14	19	14.9
2f	37 x 0.26	1.8	0.4	2.6	22	26	9.50
2	19 x 0.37	1.9	0.4	2.7	22	26	9.00

Very thin-wall PVC insulated, non-sheathed cable for automotive, AVSS

سیمو کابل انرژی

Compressed ultra thin-wall PVC insulated, non-sheathed cable for automotive, CAVUS



C: Compressed conductor.
A: Low-tension cable for automobiles.
V: Vinyl insulated.
US: Ultra thin-wall type.

Application:

- Wire harness of low-tension electric circuits for automobiles and motorcycles.

Standard:

- JASO D 611

Construction:

- PVC insulation type T1.
- Compressed plain or tinned annealed stranded copper conductor.

General specification:

- Working temperature: Max. 80°C.
- Resistant to oil, abrasion, cold and flame.
- Available in colors and stripes.
- Excellent flexibility.

Current limit is for conductor temperature of 80° C (maximum allowable temperature) and ambient temperature of 40° C.

Cross-sectional area Nom.	No. of wires x diameter Nom.	Conductor diameter	Insulation thickness	Overall diameter	Weight Approx.	Current limit** Nom.	Conductor resistance at 20°C Max.
mm^2	mm	mm	mm	mm	kg/km	A	Ω/km
0.3	7/ circular compressed	0.7	0.2	1.1	4	8	50.2
0.5	7/ circular compressed	0.9	0.2	1.3	6	10	32.7
0.85	11/ circular compressed	1.1	0.2	1.5	9	14	20.8
1.25	16/ circular compressed	1.4	0.2	1.8	13	18	14.30

Compressed ultra thin-wall PVC insulated, non-sheathed cable for automotive, CAVUS

PVC insulated, non-sheathed cable for automotive, EB & HDEB

Cross-sectional area Nom.	No. of wires x diameter Nom.	EB				
		Conductor diameter	Insulation thickness	Overall diameter	Weight Approx.	Conductor resistance at 20°C Max.
mm^2	mm	mm	mm	mm	kg/km	Ω/km
5	7 x 9 x 0.32	3.1	0.6	4.3	57	3.58
9	7 x 16 x 0.32	4.2	0.6	5.4	99	2.00
15	19 x 9 x 0.32	5.3	0.6	6.5	150	1.32
20	19 x 13 x 0.32	6.5	0.6	7.7	210	0.915

Cross-sectional area Nom.	No. of wires x diameter Nom.	HDEB				
		Conductor diameter	Insulation thickness	Overall diameter	Weight Approx.	Conductor resistance at 20°C Max.
mm^2	mm	mm	mm	mm	kg/km	Ω/km
9	7 x 16 x 0.32	4.2	1.0	6.2	109	2.00
15	19 x 9 x 0.32	5.3	1.1	7.5	161	1.32
20	19 x 13 x 0.32	6.5	1.1	8.7	225	0.915

EB: Grounding Band.
HD: Heavy Duty.

Application:

- Low voltage battery cable for automobiles and motorcycles.

Standard:

- JASO D611

Construction:

- PVC insulated type T1.
- Plain or tinned annealed stranded complex copper conductor.

General specification:

- Thicker type provides increased mechanical strength.
- Resistant to oil, abrasion, cold and flame.
- Excellent flexibility.

PVC insulated, non-sheathed cable for automotive, EB & HDEB

Spiral shielded cable for automotive

Cross-sectional area Nom.	No. of wires x diameter Nom.	Stranding outer diameter	Shield		Sheath		Weight Approx.	Conductor resistance at 20°C Max.
			Wire diameter	Overall diameter	Thickness	Overall diameter		
mm^2	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
1C x 0.3	7 x 0.26	-	0.12	1.64	0.50	2.64	13	50.2
1C x 0.5	7 x 0.32	-	0.12	1.84	0.50	2.84	16	32.7
1C x 1.25	19 x 0.29	-	0.12	2.34	0.50	3.34	26	14.9
2C x 0.3	7 x 0.26	2.80	0.12	3.04	0.50	4.04	24	50.2
2C x 0.5	7 x 0.32	3.20	0.12	3.44	0.50	4.44	30	32.7
2C x 0.85	19 x 0.24	3.60	0.12	3.84	0.50	4.84	38	21.7
2C x 1.25	19 x 0.29	4.20	0.12	4.44	0.50	5.44	50	14.9
2C x 2	37 x 0.26	5.20	0.12	5.44	0.50	6.44	69	9.50
3C x 0.3	7 x 0.26	3.02	0.12	3.26	0.50	4.26	30	50.2
3C x 0.5	7 x 0.32	3.45	0.12	3.69	0.50	4.69	39	32.7
3C x 0.85	19 x 0.24	3.88	0.12	4.12	0.50	5.12	51	21.7
3C x 1.25	19 x 0.29	4.53	0.12	4.77	0.50	5.77	67	14.9
4C x 0.3	7 x 0.26	3.38	0.12	3.62	0.50	4.62	37	50.2
4C x 0.5	7 x 0.32	3.86	0.12	4.10	0.50	5.10	48	32.7
5C x 0.3	7 x 0.26	3.78	0.12	4.02	0.50	5.02	46	50.2
5C x 0.5	7 x 0.32	4.32	0.12	4.56	0.50	5.56	60	32.7
6C x 0.3	7 x 0.26	4.20	0.12	4.44	0.50	5.44	54	50.2
6C x 0.5	7 x 0.32	4.80	0.12	5.04	0.50	6.04	71	32.7
8C x 0.3	7 x 0.26	5.10	0.12	5.34	0.50	6.34	71	50.2
8C x 0.5	7 x 0.32	5.78	0.12	6.02	0.50	7.02	93	32.7

✱ Heat resistant cable, SH-SH can be supplied upon request.

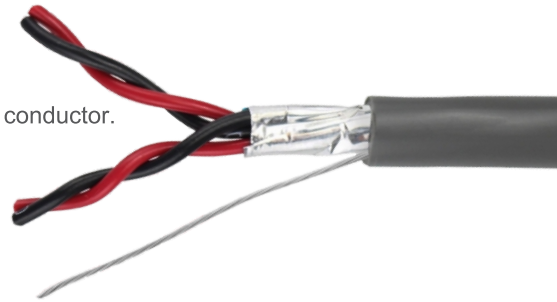
Application:

- Cable used for low voltage circuits in automobiles (vehicles and motorcycles); especially for applications where shielding of cable is required as in sensor leads and electronic circuits.

Standard:

Construction:

- Annealed stranded copper conductor.
- PVC insulation, type T1.
- Spiral shield annealed copper conductor.
- PVC sheath type T1.



General specification:

- Working temperature: Max. 80°C.
- Code designation: ASSSH*.

Spiral shielded cable for automotive

سیمو کابل نرژی

Metal-leaf shielded cable for automotive

Cross-sectional area Nom.	No. of wires x diameter Nom.	Stranding outer diameter	Shield		Sheath		Weight Approx.	Conductor resistance at 20°C Max.
			Wire diameter	Overall diameter	Thickness	Overall diameter		
mm^2	mm	mm	Mm	mm	mm	mm	kg/km	Ω/km
1C x 0.5	7 x 0.32	-	0.05	2.60	0.55	3.70	19	32.7
1C x 1.25	19 x 0.29	-	0.05	3.10	0.60	4.30	29	14.9
2C x 0.3	7 x 0.26	2.80	0.05	2.90	0.60	4.10	24	50.2
2C x 0.5	7 x 0.32	3.20	0.05	3.30	0.60	4.50	29	32.7
2C x 0.85	19 x 0.24	3.60	0.05	3.70	0.60	4.90	37	21.7
2C x 1.25	19 x 0.29	4.20	0.05	4.30	0.60	5.50	48	14.9
3C x 0.3	7 x 0.26	3.02	0.05	3.12	0.59	4.30	29	50.2
3C x 0.5	7 x 0.32	3.45	0.05	3.55	0.73	5.00	40	32.7
4C x 0.3	7 x 0.26	3.38	0.05	3.48	0.66	4.80	37	50.2
4C x 0.5	7 x 0.32	3.86	0.05	3.96	0.82	5.60	51	32.7
5C x 0.3	7 x 0.26	3.78	0.05	3.88	0.91	5.70	50	50.2
5C x 0.5	7 x 0.32	4.32	0.05	4.42	0.91	6.24	63	32.7
6C x 0.3	7 x 0.26	4.20	0.05	4.30	0.75	5.80	53	50.2
6C x 0.5	7 x 0.32	4.80	0.05	4.90	0.75	6.40	69	32.7
6C x 0.85	19 x 0.24	5.40	0.05	5.50	0.60	6.70	87	21.7
7C x 0.3	7 x 0.26	4.20	0.05	4.30	0.75	5.80	56	50.2
8C x 0.3	7 x 0.26	5.10	0.05	5.20	0.75	6.70	70	50.2

Heat resistant cable, LE-SH can be supplied upon request.

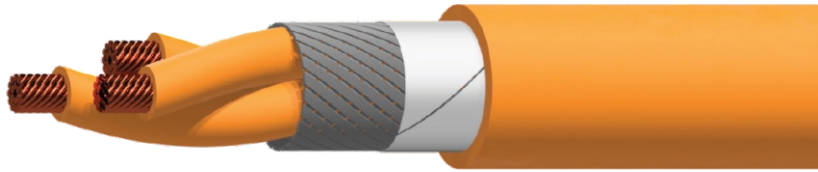
Application:

- Cable used for low voltage circuits in automobiles (vehicles and motorcycles); especially for applications where shielding of cable is required as in sensor leads and electronic circuits.

Standard:

Construction:

- Aluminum foil.
- PVC sheath type T1.
- PVC insulation, type T1.
- Annealed stranded copper conductor.



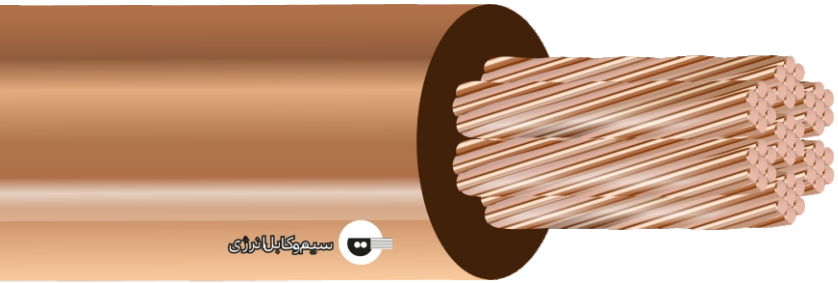
General specification:

- Code designation: LE-SS*.
- Working temperature: Max. 80°C.

Metal-leaf shielded cable for automotive

سیم و کابل انرژی

PVC insulated, non-sheathed cable for automotive, T2 IR (class B)



Cross-sectional area Nom.	No. of wires x diameter Nom.	Conductor diameter	Insulation thickness	Overall diameter		Weight Approx.	Conductor resistance at 20°C	
				Min.	Max.		Min.	Max.
mm^2	mm	mm	mm	mm	mm	kg/km	Ω/km	Ω/km
0.22	7 x 0.20	0.61	0.22	1.15	1.25	3	77.90	84.80
0.35	7 x 0.25	0.77	0.22	1.25	1.40	4	50.00	54.40
0.5	16 x 0.20	0.93	0.28	1.40	1.70	6	34.10	37.10
0.75	24 x 0.20	1.14	0.30	1.70	1.90	9	22.70	24.70
1	32 x 0.20	1.31	0.30	1.99	2.15	12	17.00	18.50
1.5	30 x 0.25	1.59	0.30	2.10	2.40	16	11.70	12.70
2	37 x 0.25	1.76	0.35	2.50	2.80	21	8.66	9.42
2.5	50 x 0.25	2.05	0.35	2.65	3.00	25	6.99	7.60
3	44x 0.30	2.31	0.40	3.25	3.45	33	5.66	6.15
4	56 x 0.30	2.60	0.40	3.70	3.90	43	4.33	4.71
5	70 x 0.30	2.91	0.40	3.80	4.00	49	3.62	3.94
6	84 x 0.30	3.19	0.40	4.20	4.50	70	2.89	3.14
7	105 x 0.30	3.57	0.48	4.76	5.00	73	2.50	2.72

Application:

- Wire harness of low-tension electric circuits for automobiles and motorcycles.

Standard:

- PSA B25 1110
- ISO 6722

Construction:

- PVC insulation type T2.
- Plain or tinned annealed stranded copper conductor.

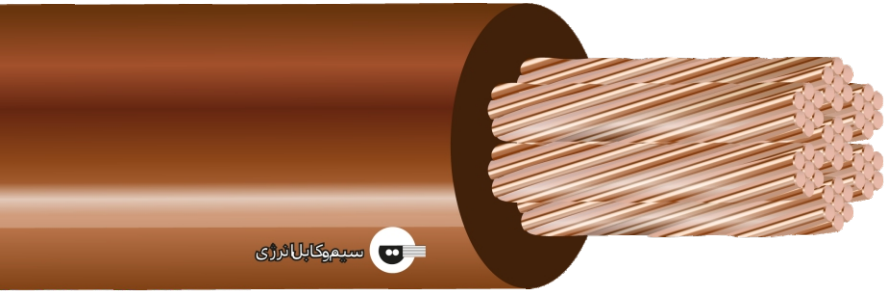
General specification:

- Available in colors.
- Working temperature: -40 to +100°C.
- Rated voltage: up to 50 V.
- Resistant to heat, cold, abrasion, flame and chemicals.
- Excellent flexibility.

PVC insulated, non-sheathed cable for automotive, T2 IR (class B)

سیم و کابل نرژی

PVC insulated, non-sheathed cable for automotive, T2 ID (class B)



Cross-sectional area Nom.	No. of wires x diameter Nom.	Conductor diameter	Insulation thickness	Overall diameter		Weight Approx.	Conductor resistance at 20°C	
				Min.	Max.		Min.	Max.
mm^2	mm	mm	mm	mm	mm	Kg/km	Ω/km	Ω/km
0.22	7 x 0.20	0.61	0.20	1.15	1.20	3	77.90	84.80
0.35	7 x 0.25	0.77	0.20	1.25	1.35	4	50.00	54.40
0.5	16 x 0.20	0.93	0.20	1.40	1.60	6	34.10	37.10
0.75	24 x 0.20	1.14	0.20	1.60	1.80	8	22.70	24.70
1	32 x 0.20	1.31	0.25	1.75	1.95	11	17.00	18.50
1.5	30 x 0.25	1.59	0.25	2.10	2.25	15	11.70	12.70
2	37 x 0.25	1.76	0.25	2.30	2.50	19	8.66	9.42
2.5	50 x 0.25	2.05	0.30	2.70	2.90	25	6.99	7.60
3	44x 0.30	2.31	0.30	3.00	3.20	31	5.66	6.15
4	56 x 0.30	2.60	0.30	3.40	3.70	41	4.33	4.71
5	70 x 0.30	2.91	0.30	3.70	3.90	48	3.62	3.94
6	84 x 0.30	3.19	0.35	4.10	4.30	60	2.89	3.14
7	105 x 0.30	3.57	0.35	4.30	4.60	70	2.50	2.72

Application:

- Wire harness of low-tension electric circuits for automobiles and motorcycles.

Standard:

- PSA B25 1110
- ISO 6722

Construction:

- PVC insulation type T2.
- Plain or tinned annealed stranded copper conductor.

General specification:

- Available in colors.
- Working temperature: -40 to +100°C.
- Rated voltage: up to 50 V.
- Resistant to heat, cold, abrasion, flame and chemicals.
- Excellent flexibility.

PVC insulated, non-sheathed cable for automotive, T2 ID (class B)

سیمو کابل نرژی

PVC insulated, non-sheathed cable for automotive, T3 IR (class C)

Cross-sectional area Nom.	No. of wires x diameter Nom.	Conductor diameter	Insulation thickness	Overall diameter		Weight Approx.	Conductor resistance at 20°C	
				Min.	Max.		Min.	Max.
mm^2	mm	mm	mm	mm	mm	kg/km	Ω/km	Ω/km
0.22	7 x 0.20	0.61	0.20	1.15	1.20	1.20	77.90	84.80
0.35	7 x 0.25	0.77	0.20	1.25	1.35	1.35	50.00	54.40
0.5	16 x 0.20	0.93	0.20	1.40	1.60	1.60	34.10	37.10
0.75	24 x 0.20	1.14	0.20	1.60	1.80	1.80	22.70	24.70
1	32 x 0.20	1.31	0.25	1.75	1.95	1.95	17.00	18.50
1.5	30 x 0.25	1.59	0.25	2.10	2.25	2.25	11.70	12.70
2	37 x 0.25	1.76	0.25	2.30	2.50	2.50	8.66	9.42
2.5	50 x 0.25	2.05	0.30	2.70	2.90	2.90	6.99	7.60
3	44 x 0.30	2.31	0.30	3.00	3.20	3.20	5.66	6.15
4	56 x 0.30	2.60	0.30	3.40	3.70	3.70	4.33	4.71
5	70 x 0.30	2.91	0.30	3.70	3.90	3.90	3.62	3.94
6	84 x 0.30	3.19	0.35	4.10	4.30	4.30	2.89	3.14
7	105 x 0.30	3.57	0.35	4.30	4.60	4.60	2.50	2.72

Application:

- Wire harness of low-tension electric circuits for automobiles and motorcycles.

Standard:

- PSA B25 1110
- ISO 6722

Construction:

- PVC insulation type T3.
- Plain or tinned annealed stranded copper conductor.

General specification:

- Available in colors.
- Working temperature: -40 to +125°C.
- Rated voltage: up to 50 V.
- Resistant to heat, cold, abrasion, flame and chemicals.
- Excellent flexibility.

PVC insulated, non-sheathed cable for automotive, T3 IR (class C)

سیمو کابل انرژی

PVC insulated, non-sheathed cable for automotive, T3 ID (class C)

Cross-sectional area Nom.	No. of wires x diameter Nom.	Conductor diameter	Insulation thickness	Overall diameter		Weight Approx.	Conductor resistance at 20°C	
				Min.	Max.		Min.	Max.
mm^2	mm	mm	mm	mm	mm	kg/km	Ω/km	Ω/km
0.22	7 x 0.20	0.61	0.20	1.15	1.20	1.20	77.90	84.80
0.35	7 x 0.25	0.77	0.20	1.25	1.35	1.35	50.00	54.40
0.5	16 x 0.20	0.93	0.20	1.40	1.60	1.60	34.10	37.10
0.75	24 x 0.20	1.14	0.20	1.60	1.80	1.80	22.70	24.70
1	32 x 0.20	1.31	0.25	1.75	1.95	1.95	17.00	18.50
1.5	30 x 0.25	1.59	0.25	2.10	2.25	2.25	11.70	12.70
2	37 x 0.25	1.76	0.25	2.30	2.50	2.50	8.66	9.42
2.5	50 x 0.25	2.05	0.30	2.70	2.90	2.90	6.99	7.60
3	44 x 0.30	2.31	0.30	3.00	3.20	3.20	5.66	6.15
4	56 x 0.30	2.60	0.30	3.40	3.70	3.70	4.33	4.71
5	70 x 0.30	2.91	0.30	3.70	3.90	3.90	3.62	3.94
6	84 x 0.30	3.19	0.35	4.10	4.30	4.30	2.89	3.14
7	105 x 0.30	3.57	0.35	4.30	4.60	4.60	2.50	2.72

Application:

- Wire harness of low-tension electric circuits for automobiles and motorcycles.

Standard:

- PSA B25 1110
- ISO 6722

Construction:

- PVC insulation type T3.
- Plain or tinned annealed stranded copper conductor.

General specification:

- Available in colors.
- Working temperature: -40 to +125°C.
- Rated voltage: up to 50 V.
- Resistant to heat, cold, abrasion, flame and chemicals.
- Excellent flexibility.

PVC insulated, non-sheathed cable for automotive, T3 ID (class C)

سیمو کابل انرژی