شركة سلكوبلاست للكابلات (ش.م.م)
Selcoplast Cables CO. (S.A.E.)

Sales Office: 1 El Sheikh Edriss St.,Sharabeya, Cairo, Egypt

Factory: Industrial Zone - B4 - 10th of Ramdan City

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2235 6917
2235 7861
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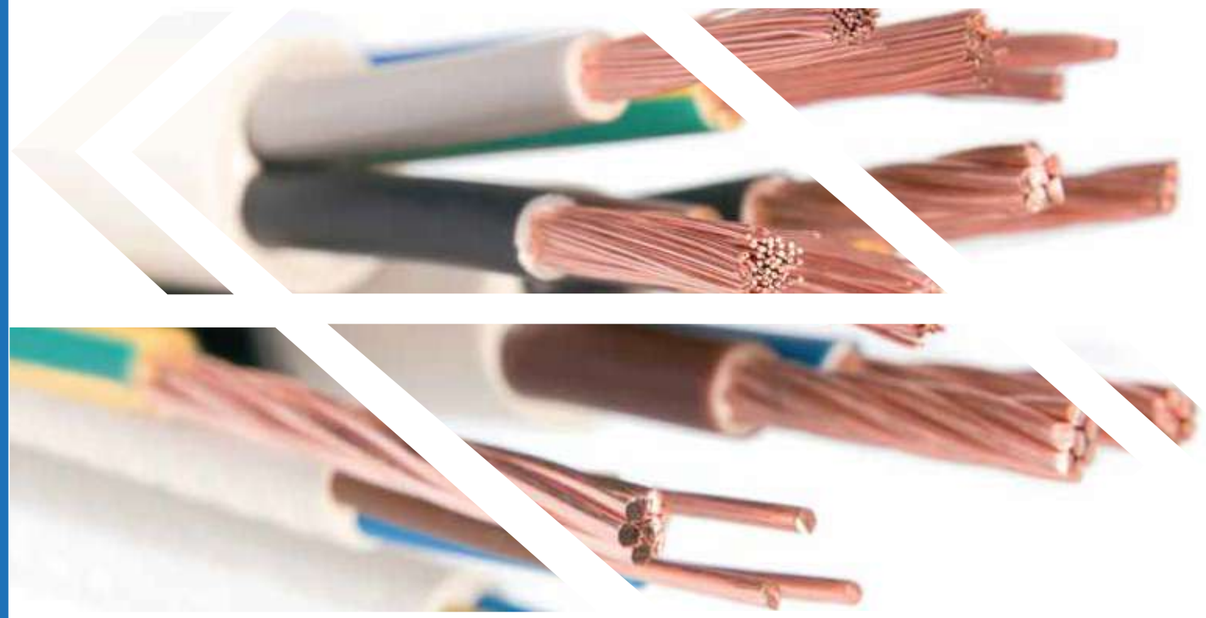

Felixble Cables Felixble Prices Felixble Production

Company Overview

Selcoplast Cables, the pioneer of cables industrialization in Egypt was founded in 1977 is an independent manufacturer of electrical copper conductors stranded, multi conductors and flexible control cables, PVC insulated, sheathed.

Situated in Egypt's new industrial city tenth of Ramadan over 8000 sq.m and equipped with the latest in wire making technology, the plant is one of the most advanced in the Egyptian wire industry.

The plant incorporates manufacturing, material testing and electronic data processing facilities that provides the customers with the most reliable ,high quality product possible through a nationwide network of representative providing even the most remote customers with local contract , Selcoplast has successfully established an efficient delivery and support strategy the satisfies even the most demanding customers.

الشهادات الحاصلة عليها الشركة


Certificate of Registration

This certificate has been awarded to:

SELCOPLAST CABLES CO

10th Of Ramadan, B4, Sec. 92, Egypt

in recognition of the organization's Health and Safety Management System which complies with

ISO 45001:2018

The scope of activities covered by this certificate is defined below

Manufacturing of Electric Wires and Cables


وزارة التجارة والصناعة

الهيئة المصرية العامة للمواصفات والجودة

شهادة ترخيص بعلامة الجودة

EQM- II

شركة سلكوبلاست للكابلات


CERTIFICATE

This is to certify that Management System of:

SELCOPLAST CABLES CO S.A.E

Has been assessed and found compliant with the requirements of below:

ISO 9001:2015

Certificate No: CR/SD-13920/01

Scope of Registration: Manufacturing of Electric Wires and Cables

IAF Code(s): 19

NACE Code(s): 27.32

Registered Site(s): Sector 92/93, B4-Industrial Zone, 10th of Ramadan, Sharkiya, Egypt

Certificate Issued : 26/08/2021 Certificate Expiry : 25/08/2022

WWW.TUVSW.COM

TUV SW STANDARDIZATION CERTIFICATIONS

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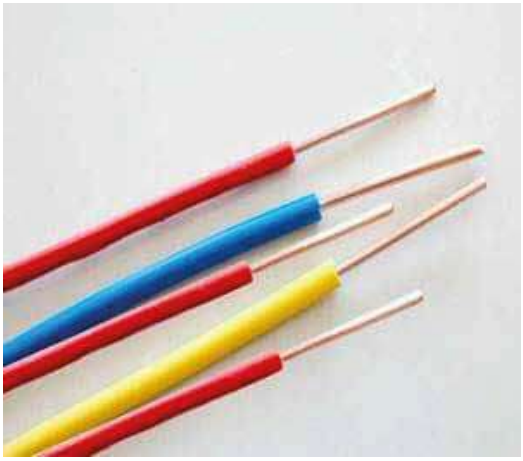
www.selcoplast.com

Single Core Cables with Stranded Copper Conductor

Description:
Single core stranded copper conductor P.V.C. insulated.



Applicable standards:
- IEC 60227
- IEC 60228
- Egyptian standard 182.
- Egyptian standard 2948.

Conductors:
Annealed stranded copper conductor in accordance with IEC60228-Class (2) and Egyptian standard 2948 Class (2).

Insulation:
Conductor shall be insulated with polyveinylchloride (p.v.c.) meeting the requirements of applicable standard.

Conductor : Stranded Copper(class-2)							*Insulation : P.V.C.*		
Conductor nominal cross section area(mm^2)	*Number of strands*	*Diameter of each strand (mm)*	*Nominal conductor diameter (mm)*	*Max. DC resistance at 20ċ (ohm/km)*	*Current rating in air*		*Average insulation thickness (mm)*	*Approx. diameter after insulation (mm)*	*Min. Insulation resistance at 70ċ (Mohm.km)*
					Free	*In pipes*			
0.5	1	0.80	0.80	36.0	2	2	0.6	2.4	0.015
0.75	1	1.0	1.0	24.5	10	7	0.6	2.6	0.012
(**) 0.80	1.04	1.04	1.04	22.9	11	8	0.6	2.6	0.012
1	1	1.12	1.12	18.1	13	10	0.6	2.8	0.011
1.5	7	0.53	1.60	12.1	20	15	0.7	2.7:3.3	0.010
2	7	0.60	1.80	9.14	22	17	0.8	3.1:3.8	0.009
2.5	7	0.67	2.01	7.41	28	22	0.8	3.3:4.0	0.009
3	7	0.74	2.25	6.13	31	24	0.8	3.5:4.3	0.0085
4	7	0.85	2.55	4.61	37	26	0.8	3.8:4.6	0.0077
6	7	1.04	3.15	3.08	46	33	0.8	4.3:5.2	0.0065
10	7	1.35	4.05	1.83	66	47	1.0	5.6:6.7	0.0065
16	7	1.70	5.1	1.15	87	62	1.0	6.4:7.8	0.0050
25	19	1.30	6.5	0.727	118	81	1.2	8.1:9.7	0.0050
35	19	1.50	7.5	0.524	147	100	1.2	9.0:10.9	0.0043
50	19	1.80	9.0	0.387	197	122	1.4	10.6:12.8	0.0043
70	19	2.15	10.75	0.268	230	151	1.4	12.1:14.6	0.0035
95	19	2.5	12.5	0.193	289	191	1.6	14.1:17.1	0.0035
120	37	2.02	14.15	0.153	337	219	1.6	15.6:18.8	0.0032
150	37	2.25	15.75	0.121	385	252	1.8	17.3:20.9	0.0032
185	37	2.50	17.5	0.0991	449	288	2.0	19.3:23.3	0.0032
240	61	2.25	20.25	0.0754	542	345	2.2	22.0:26.6	0.0032
300	61	2.50	22.5	0.0601	621	391	2.4	24.5:29.6	0.0030

available in 600/1000 v
xple / pvc or pvc / pvc

(**) : Special Product

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www.selcoplast.com

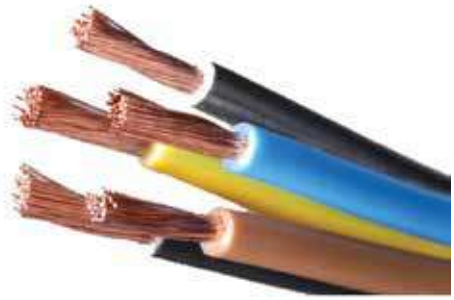
Single Core Cables with Flexible Copper Conductor

Description:

Single core Flexible copper conductor P.V.C. insulated.

Applicable standards:

- IEC 60227
- IEC 60228
- Egyptian standard 182.
- Egyptian standard 2948.



Conductors:

Annealed Flexible copper conductor in accordance with IEC60228-Class (5) and Egyptian standard 2948 Class (5).

Insulation:

Conductor shall be insulated with polyveinylchloride (p.v.c.) meeting the requirements of applicable standard.

Conductor : Flexible Copper(class-5)							*Insulation : P.V.C.*		
Conductor nominal cross section area(mm^2)	*Number of strands*	*Diameter of each strand (mm)*	*Nominal conductor diameter (mm)*	*Max. DC resistance at 20ċ (ohm/km)*	*Current rating in air*		*Average insulation thickness (mm)*	*Approx. diameter after insulation (mm)*	*Min. Insulation resistance at 70ċ (Mohm.km)*
					Free	*In pipes*			
0.5	16	0.20	0.9	39.0	2	2	0.6	2.6	0.013
0.75	24	0.20	1.1	26.0	10	7	0.6	2.8	0.011
1	32	0.20	1.3	19.5	13	10	0.6	3.0	0.010
1.5	30	0.25	1.60	13.3	20	15	0.7	2.8:3.4	0.010
2	40	0.25	1.85	9.89	22	17	0.8	3.1:3.7	0.0095
2.5	50	0.25	2.01	7.98	28	22	0.8	3.4:4.1	0.009
3	42	0.30	2.45	6.61	31	24	0.8	3.6:4.4	0.008
4	56	0.30	2.65	4.95	37	26	0.8	3.9:4.8	0.007
6	84	0.30	3.30	3.30	46	33	0.8	4.4:5.3	0.006
10	140	0.30	4.20	1.91	66	47	1.0	5.7:6.8	0.0056
16	224	0.30	5.20	1.21	87	62	1.0	6.7:8.1	0.0046
25	350	0.30	7.50	0.78	118	81	1.2	8.4:10.2	0.0044
35	490	0.30	9.25	0.554	147	100	1.2	9.7:11.7	0.0038
50	700	0.30	10.50	0.386	197	122	1.4	11.5:13.9	0.0037
70	980	0.30	12.6	0.272	230	151	1.4	13.2:16	0.0032
95	1330	0.30	14.7	0.206	289	191	1.6	15.1:18.2	0.0032
120	1680	0.30	16.30	0.161	337	219	1.6	16.7:20.2	0.0029
150	2100	0.30	19.0	0.129	385	252	1.8	18.6:22.5	0.0029
185	2590	0.30	21.0	0.106	449	288	2	20.6:24.9	0.0029
240	3360	0.30	24.0	0.0801	542	345	2.2	23.5:28.4	0.0028
300	4200	0.30	27.0	0.0641	621	391	2.4	26.5:31.6	0.0028

available in 600/1000 v
xple / pvc or pvc / pvc

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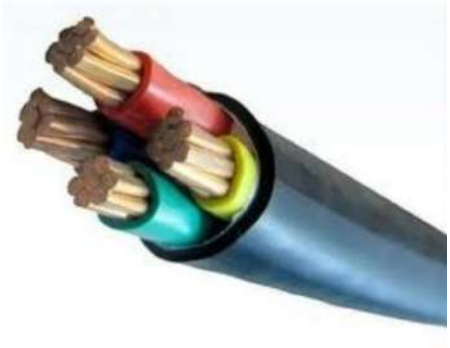
Multi Core Cables with Stranded Copper Conductors



Description:

Thermoplastic cables with annealed stranded copper conductors with PVC insulation, PVC sheath.

Applicable standards:

- IEC 60227
- IEC 60228
- Egyptian standard 182.
- Egyptian standard 2948.

Conductors:

Annealed stranded copper conductor in accordance with IEC60228-Class (2) and Egyptian standard 2948 Class (2).

Insulation:

Conductor shall be insulated with polyveinylchloride (p.v.c.) meeting the requirements of applicable standard.

Sheath:

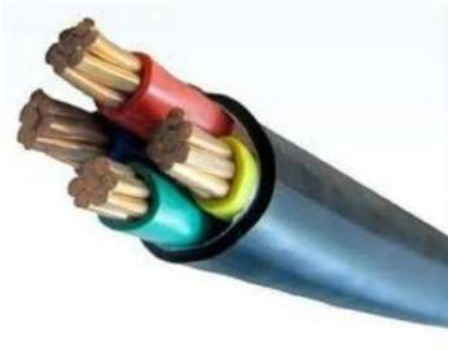
The insulated conductors must be sheathed with another layer of P.V.C

Cable size	Conductor : Stranded Copper(class-2)					Insulation : P.V.C.		Oversheath : P.V.C.		
	Conductor nominal cross section area(mm^2)	Number of strands	Diameter of each strand (mm)	Nominal conductor diameter (mm)	Max. DC resistance at 20ċ (ohm/km)	Average insulation thickness (mm)	Approx. diameter after insulation (mm)	Oversheath nominal thickness (mm)	Approx. overall diameter (mm)	Min. Insulation resistance at 70ċ (Mohm.km)
2X1.5	1.5	7	0.53	1.6	12.1	0.7	2.7:3.3	1.2	7.8:10.5	0.010
2X2	2.0	7	0.60	1.8	9.14	0.8	3.1:3.8	1.2	7.5:9.5	0.0095
2X2.5	2.5	7	0.67	2.01	7.41	0.8	3.3:4.0	1.2	9.0:12.0	0.009
2X3	3.0	7	0.74	2.25	6.13	0.8	3.5:4.3	1.2	9.5:12.5	0.008
2X4	4.0	7	0.85	2.55	4.61	0.8	3.8:4.6	1.2	10.0:13.0	0.0077
2X6	6.0	7	1.04	3.15	3.08	0.8	4.3:5.2	1.2	11.0:14.0	0.0065
2X10	10.0	7	1.35	4.05	1.83	1.0	5.6:6.7	1.4	13.5:17.5	0.0065
2X16	16.0	7	1.70	5.1	1.15	1.0	6.4:7.8	1.4	15.5:20.0	0.0052
2X25	25.0	19	1.30	6.5	0.727	1.2	8.1:9.7	1.4	18.5:24.0	0.005
2X35	35.0	19	1.50	7.5	0.524	1.2	9.0:10.9	1.6	21.0:27.5	0.0044
3X1.5	1.5	7	0.53	1.6	12.1	0.7	2.7:3.3	1.2	8.2:11.0	0.010
3X2	2.0	7	0.60	1.8	9.14	0.8	3.1:3.8	1.2	9.2:12.0	0.0095
3X2.5	2.5	7	0.67	2.01	7.41	0.8	3.3:4.0	1.2	9.4:12.5	0.009
3X3	3.0	7	0.74	2.25	6.13	0.8	3.5:4.3	1.2	10.0:13.0	0.008
3X4	4.0	7	0.85	2.55	4.61	0.8	3.8:4.6	1.2	10.5:13.5	0.0077
3X6	6.0	7	1.04	3.15	3.08	0.8	4.3:5.2	1.4	12.0:15.5	0.0065
3X10	10.0	7	1.35	4.05	1.83	1.0	5.6:6.7	1.4	14.5:19.0	0.0065
3X16	16.0	7	1.70	5.1	1.15	1.0	6.4:7.8	1.4	16.5:21.5	0.0052
3X25	25.0	19	1.30	6.5	0.727	1.2	8.1:9.7	1.6	20.5:26	0.005
3X35	35.0	19	1.50	7.5	0.524	1.2	9.0:10.9	1.6	22.0:29.0	0.0044

Cable size	Conductor : Stranded Copper(class-2)					Insulation : P.V.C.		Oversheath : P.V.C.		
	Conductor nominal cross section area(mm^2)	Number of strands	Diameter of each strand (mm)	Nominal conductor diameter (mm)	Max. DC resistance at 20ċ (ohm/km)	Average insulation thickness (mm)	Approx. diameter after insulation (mm)	Oversheath nominal thickness (mm)	Approx. overall diameter (mm)	Min. Insulation resistance at 70ċ (Mohm.km)
4X1.5	1.5	7	0.53	1.6	12.1	0.7	2.7:3.3	1.2	9.0:12.0	0.010
4X2	2.0	7	0.60	1.8	9.14	0.8	3.1:3.8	1.2	10.1:12.5	0.0095
4X2.5	2.5	7	0.67	2.01	7.41	0.8	3.3:4.0	1.2	10.0:13.5	0.009
4X3	3.0	7	0.74	2.25	6.13	0.8	3.5:4.3	1.2	11.0:14.0	0.008
4X4	4.0	7	0.85	2.55	4.61	0.8	3.8:4.6	1.4	12.0:15.0	0.0077
4X6	6.0	7	1.04	3.15	3.08	0.8	4.3:5.2	1.4	13.0:17.0	0.0065
4X10	10.0	7	1.35	4.05	1.83	1.0	5.6:6.7	1.4	16.0:20.5	0.0065
4X16	16.0	7	1.70	5.1	1.15	1.0	6.4:7.8	1.4	18.0:23.5	0.0052
4X25	25.0	19	1.30	6.5	0.727	1.2	8.1:9.7	1.6	22.5:28.5	0.005
4X35	35.0	19	1.50	7.5	0.524	1.2	9.0:10.9	1.6	24.5:32.0	0.0044
5X1.5	1.5	7	0.53	1.6	12.1	0.7	2.7:3.3	1.2	9.8:12.5	0.010
5X2	2.0	7	0.60	1.8	9.14	0.8	3.1:3.8	1.2	10.3:12.8	0.0095
5X2.5	2.5	7	0.67	2.01	7.41	0.8	3.3:4.0	1.2	11.0:14.5	0.009
5X3	3.0	7	0.74	2.25	6.13	0.8	3.5:4.3	1.2	12.0:16.0	0.008
5X4	4.0	7	0.85	2.55	4.61	0.8	3.8:4.6	1.4	13.0:17.0	0.0077
5X6	6.0	7	1.04	3.15	3.08	0.8	4.3:5.2	1.4	14.5:18.5	0.0065
5X10	10.0	7	1.35	4.05	1.83	1.0	5.6:6.7	1.4	17.5:22.0	0.0065
5X16	16.0	7	1.70	5.1	1.15	1.0	6.4:7.8	1.6	20.5:26	0.0052
5X25	25.0	19	1.30	6.5	0.727	1.2	8.1:9.7	1.6	24.5:31.5	0.005
5X35	35.0	19	1.50	7.5	0.524	1.2	9.0:10.9	1.6	27.0:35.0	0.0044

Multi Core Cables With Stranded Copper Conductors , P.V.C. Insulated And P.V.C. Sheathed

According to IEC-60502 (600/1000) V-Four core cables with reduced neutral



Cable size	Conductor : Stranded Copper(class-2)								Approx. overall diameter (mm)	Current Rating (A)		
	Conductor nominal cross section area(mm^2)		Number of strands		Diameter of each strand (mm)		Nominal conductor diameter (mm)		Max. DC resistance at 20ċ (ohm/km)			Direct In ground	In ducts	In Free air
3X35+16	35	16	19	7	1.50	1.70	7.5	5.1	0.524	1.15	25.9	157	115	126
3X50+25	50	25	19	19	1.80	1.30	9.0	6.5	0.387	0.727	30.6	195	141	161
3X70+35	70	35	19	19	2.15	1.50	10.75	7.50	0.268	0.524	34.8	239	175	203
3X95+50	95	50	19	19	2.50	1.80	12.5	9.0	0.193	0.387	40.0	282	209	243
3X120+70	120	70	37	19	2.02	2.15	14.15	10.75	0.153	0.268	44.5	322	241	282
3X150+70	150	70	37	19	2.25	2.15	15.75	10.75	0.121	0.268	48.4	361	273	323
3X185+95	185	95	37	19	2.50	2.50	17.5	12.5	0.0991	0.193	53.9	407	311	372
3X240+120	240	120	61	37	2.25	2.02	20.25	14.15	0.0754	0.153	61.0	472	366	441
3X300+150	300	150	61	37	2.50	2.25	22.5	15.75	0.0601	0.121	67.5	532	419	507

available in 600/1000 v xple / pvc or pvc / pvc

For futher info please visit our website
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Multi Core Cables with Flexible Copper Conductors

Description:

Thermoplastic cables with annealed flexible copper conductors with PVC insulation, PVC sheath.

Applicable standards:

- IEC 60227
- IEC 60228
- Egyptian standard 182.
- Egyptian standard 2948.

Conductors:

Annealed Flexible copper conductor in accordance with IEC60228-Class (5) and Egyptian standard 2948 Class (5).

Insulation:

Conductor shall be insulated with polyveinylchloride (p.v.c.) meeting the requirements of applicable standard.

Sheath:

The insulated conductors must be sheathed with another layer of P.V.C.

Cable size	Conductor : Flexible Copper(class-5)					Insulation : P.V.C.		Over sheath : P.V.C.		
	Conductor nominal cross section area(mm^2)	Number of strands	Diameter of each strand (mm)	Nominal conductor diameter (mm)	Max. DC resistance at 20ċ (ohm/km)	Average insulation thickness (mm)	Approx. diameter after insulation (mm)	Oversheath nominal thickness (mm)	Approx. overall diameter (mm)	Min. Insulation resistance at 70ċ (Mohm.km)
(*) 2X0.5	0.5	16	0.20	0.9	39	0.5	2.0:2.4	0.6	4.6:5.9	0.012
2X0.75	0.75	24	0.20	1.1	26.0	0.6	2.2:2.6	0.8	5.7:7.2	0.011
2X1	1.0	32	0.20	1.3	19.5	0.6	2.5:2.9	0.8	5.9:7.5	0.010
2X1.5	1.5	30	0.25	1.60	13.3	0.7	2.8:3.4	0.8	6.8:8.6	0.010
2X2	2.0	40	0.25	1.85	9.89	0.8	3.1:3.7	1.0	7.5:9.5	0.0095
2X2.5	2.5	50	0.25	2.01	7.98	0.8	3.4:4.1	1.0	8.4:10.6	0.009
(#) 2X3	3	42	0.30	2.45	6.61	0.8	3.6 : 4.4	1.2	9.6 : 12.6	0.008
(#) 2X4	4	56	0.30	2.65	4.95	0.8	3.9:4.8	1.2	10.0 : 13.0	0.007
(#) 2X6	6	84	0.30	3.30	3.30	0.8	4.4:5.3	1.2	11.0 : 14.0	0.006
(#) 2X10	10	140	0.30	4.20	1.91	1.0	5.7:6.8	1.4	13.5 : 17.5	0.0056
(#) 2X16	16	224	0.30	5.20	1.21	1.0	6.7:8.1	1.4	15.5 : 20.0	0.0046
(#) 2X25	25	350	0.30	7.50	0.78	1.2	8.4:10.2	1.4	18.5 : 24.0	0.0044
(#) 2X35	35	490	0.30	9.25	0.554	1.2	9.7:11.7	1.6	21.0 : 27.5	0.0038
(*) 2X0.5 Flat	0.5	16	0.20	0.9	39	0.8	5.0X2.5:6.0X3.0	.....	.....	0.016
(*) 2X0.75 Flat	0.75	24	0.20	1.1	26.0	0.8	5.4X2.7:6.4X3.2	.....	.....	0.014
(*) 2X1 Flat	1.0	32	0.20	1.3	19.5	0.8	5.8X2.9:6.8X3.4	.....	.....	0.012
(*) 3X0.5	0.5	16	0.20	0.9	39	0.5	2.0:2.4	0.6	5.0:6.3	0.012
3X0.75	0.75	24	0.20	1.1	26.0	0.6	2.2:2.6	0.8	6.0:6.7	0.011
3X1	1.0	32	0.20	1.3	19.5	0.6	2.5:2.9	0.8	6.3:8.0	0.010
3X1.5	1.5	30	0.25	1.60	13.3	0.7	2.8:3.4	0.9	7.4:9.4	0.010
3X2	2.0	40	0.25	1.85	9.89	0.8	3.1:3.7	1.0	8.4:10.4	0.0095
3X2.5	2.5	50	0.25	2.01	7.98	0.8	3.4:4.1	1.1	9.2:11.4	0.009
(#) 3X3	3	42	0.30	2.45	6.61	0.8	3.6 : 4.4	1.2	10.1 : 13.1	0.008
(#) 3X4	4	56	0.30	2.65	4.95	0.8	3.9:4.8	1.2	10.5 : 13.5	0.007
(#) 3X6	6	84	0.30	3.30	3.30	0.8	4.4:5.3	1.4	12.0 : 15.5	0.006
(#) 3X10	10	140	0.30	4.20	1.91	1.0	5.7:6.8	1.4	14.5 : 19.0	0.0056
(#) 3X16	16	224	0.30	5.20	1.21	1.0	6.7:8.1	1.4	16.5 : 21.5	0.0046
(#) 3X25	25	350	0.30	7.50	0.78	1.2	8.4:10.2	1.6	20.5 : 26.0	0.0044
(#) 3X35	35	490	0.30	9.25	0.554	1.2	9.7:11.7	1.6	22.0 : 29.0	0.0038

(#) : Special Cable

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Multi Core Cables With Flexible Copper Conductors , P.V.C. Insulated And P.V.C. Sheathed

Cable size	Conductor : Flexible Copper(class-5)					Insulation : P.V.C.		Over sheath : P.V.C.		
	Conductor nominal cross section area(mm^2)	Number of strands	Diameter of each strand (mm)	Nominal conductor diameter (mm)	Max. DC resistance at 20ċ (ohm/km)	Average insulation thickness (mm)	Approx. diameter after insulation (mm)	Oversheath nominal thickness (mm)	Approx. overall diameter (mm)	Min. Insulation resistance at 70ċ (Mohm.km)
(**) 4X0.5	0.5	16	0.20	0.9	39	0.5	2.0:2.4	0.6	6.0:7.5	0.012
4X0.75	0.75	24	0.20	1.1	26.0	0.6	2.2:2.6	0.8	6.6:8.3	0.011
4X1	1.0	32	0.20	1.3	19.5	0.6	2.5:2.9	0.9	7.1:9.0	0.010
4X1.5	1.5	30	0.25	1.60	13.3	0.7	2.8:3.4	1.0	8.4:10.5	0.010
4X2	2.0	40	0.25	1.85	9.89	0.8	3.1:3.7	1.0	9.3:11.7	0.0095
4X2.5	2.5	50	0.25	2.01	7.98	0.8	3.4:4.1	1.1	10.1:12.5	0.009
(#) 4X3	3	42	0.30	2.45	6.61	0.8	3.6 : 4.4	1.2	11.5 : 13.5	0.008
(#) 4X4	4	56	0.30	2.65	4.95	0.8	3.9:4.8	1.4	12.0 : 15.0	0.007
(#) 4X6	6	84	0.30	3.30	3.30	0.8	4.4:5.3	1.4	13.0 : 17.0	0.006
(#) 4X10	10	140	0.30	4.20	1.91	1.0	5.7:6.8	1.4	16.0 : 20.5	0.0056
(#) 4X16	16	224	0.30	5.20	1.21	1.0	6.7:8.1	1.4	18.0 : 23.5	0.0046
(#) 4X25	25	350	0.30	7.50	0.78	1.2	8.4:10.2	1.6	22.5 : 28.5	0.0044
(#) 4X35	35	490	0.30	9.25	0.554	1.2	9.7:11.7	1.6	24.5 : 32.0	0.0038
(#) 4X50	50	700	0.30	10.50	0.386	1.4	11.5:13.9	1.9	29.0 : 37.0	0.0037
(#) 4X70	70	980	0.30	12.6	0.272	1.4	13.2:16	2.0	33.0 : 42.0	0.0032
(#) 4X95	95	1330	0.30	14.7	0.206	1.6	15.1:18.2	2.2	37.0 : 47.0	0.0032
(**) 5X0.5	0.5	16	0.20	0.9	39	0.5	2.0:2.4	0.7	6.5:8.0	0.012
5X0.75	0.75	24	0.20	1.1	26.0	0.6	2.2:2.6	0.9	7.4:9.3	0.011
5X1	1.0	32	0.20	1.3	19.5	0.6	2.5:2.9	0.9	7.8:9.8	0.010
5X1.5	1.5	30	0.25	1.60	13.3	0.7	2.8:3.4	1.1	9.3:11.6	0.010
5X2	2.0	40	0.25	1.85	9.89	0.8	3.1:3.7	1.2	10.3:12.8	0.0095
5X2.5	2.5	50	0.25	2.01	7.98	0.8	3.4:4.1	1.2	11.2:13.9	0.009
(#) 5X3	3	42	0.30	2.45	6.61	0.8	3.6 : 4.4	1.2	12.5 : 15.5	0.008
(#) 5X4	4	56	0.30	2.65	4.95	0.8	3.9:4.8	1.4	13.0 : 17.0	0.007
(#) 5X6	6	84	0.30	3.30	3.30	0.8	4.4:5.3	1.4	14.5 : 18.5	0.006
(#) 5X10	10	140	0.30	4.20	1.91	1.0	5.7:6.8	1.4	17.5 : 22.0	0.0056
(#) 5X16	16	224	0.30	5.20	1.21	1.0	6.7:8.1	1.6	20.5 : 26	0.0046
(#) 5X25	25	350	0.30	7.50	0.78	1.2	8.4:10.2	1.6	24.5 : 31.5	0.0044
(#) 5X35	35	490	0.30	9.25	0.554	1.2	9.7:11.7	1.6	27.0 : 35.0	0.0038

(#) : Special Cable

Multi Core Flat Cables With Flexible Copper Conductors

Cable size	Conductor : Flexible Copper(class-5)					Insulation : P.V.C.		Over sheath : P.V.C.		
	Conductor nominal cross section area(mm^2)	Number of strands	Diameter of each strand (mm)	Nominal conductor diameter (mm)	Max. DC resistance at 20ċ (ohm/km)	Average insulation thickness (mm)	Approx. diameter after insulation (mm)	Oversheath nominal thickness (mm)	Approx. overall dimensions (mm)	Min. Insulation resistance at 70ċ (Mohm.km)
3X10	10	140	0.30	4.20	1.91	1.0	5.7:6.8	1.4	25.5 X 11.0 ± 2.0	0.0056
3X16	16	224	0.30	5.20	1.21	1.0	6.7:8.1	1.4	29.0 X 12.0 ± 2.0	0.0046
3X25	25	350	0.30	7.50	0.78	1.2	8.4:10.2	1.6	35.0 X 14.5 ± 3.0	0.0044
3X35	35	490	0.30	9.25	0.554	1.2	9.7:11.7	1.6	38.0 X 15.5 ± 3.0	0.0038
3X50	50	700	0.30	10.50	0.386	1.4	11.5:13.9	1.8	46.0 X 18.0 ± 4.0	0.0037

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Control Cables

Description:

Control cables with Annealed flexible copper conductors with PVC insulation, and PVC sheath.

Applicable standards:

- IEC 60227
- IEC 60228
- Egyptian standard 182.
  Egyptian standard 2948.

Conductors:

Annealed Flexible copper conductor in accordance with IEC60228-Class (5) and Egyptian standard 2948 Class (5).

Insulation:

Conductor shall be insulated with polyveinylchloride (p.v.c.) meeting the requirements of applicable standard.

Sheath:

The insulated conductors must be sheathed with another layer of P.V.C.

Cable size	Conductor : Flexible Copper(class-5)							Insulation : P.V.C.		Oversheath : P.V.C.		
	Conductor nominal cross section area(mm^2)	Number of strands	Diameter of each strand (mm)	Nominal conductor diameter (mm)	Max. DC resistance at 20ć (ohm/km)	Current ruting in air		Average insulation thickness (mm)	Approx. diameter after insulation (mm)	Oversheath nominal thickness (mm)	Approx. overall diameter (mm)	Min. Insulation resistance at 70ć (Mohmkm)
						Free air	In pipes					
(**) 7X0.5	0.5	16	0.2	0.9	39	8	5	0.5	2.0:2.4	1	.....	0.012
7X0.75	0.75	24	0.2	1.1	26	10	7	0.6	2.2:2.6	1	.....	0.011
7X1	1	32	0.2	1.3	19.5	12	9	0.6	2.5:2.9	1	.....	0.01
7X1.5	1.5	30	0.25	1.6	13.3	15	12	0.7	2.8:3.4	1	.....	0.01
7X2	2	40	0.25	1.85	9.89	17	13	0.8	3.1:3.7	1.3	.....	0.0095
7X2.5	2.5	50	0.25	2.01	7.98	20	16	0.8	3.4:4.1	1.3	.....	0.009
(**) 8X0.5	0.5	16	0.2	0.9	39	8	5	0.5	2.0:2.4	1	.....	0.012
8X0.75	0.75	24	0.2	1.1	26	10	7	0.6	2.2:2.6	1	.....	0.011
8X1	1	32	0.2	1.3	19.5	12	9	0.6	2.5:2.9	1	.....	0.01
8X1.5	1.5	30	0.25	1.6	13.3	15	12	0.7	2.8:3.4	1.3	.....	0.01
8X2	2	40	0.25	1.85	9.89	17	13	0.8	3.1:3.7	1.3	.....	0.0095
8X2.5	2.5	50	0.25	2.01	7.98	20	16	0.8	3.4:4.1	1.3	.....	0.009
(**) 10X0.5	0.5	16	0.2	0.9	39	8	5	0.5	2.0:2.4	1	.....	0.012
10X0.75	0.75	24	0.2	1.1	26	10	7	0.6	2.2:2.6	1.3	.....	0.011
10X1	1	32	0.2	1.3	19.5	12	9	0.6	2.5:2.9	1.3	.....	0.01
10X1.5	1.5	30	0.25	1.6	13.3	15	12	0.7	2.8:3.4	1.3	.....	0.01
10X2	2	40	0.25	1.85	9.89	17	13	0.8	3.1:3.7	1.3	.....	0.0095
10X2.5	2.5	50	0.25	2.01	7.98	20	16	0.8	3.4:4.1	1.6	.....	0.009
(**) 12X0.5	0.5	16	0.2	0.9	39	8	5	0.5	2.0:2.4	1	.....	0.012
12X0.75	0.75	24	0.2	1.1	26	10	7	0.6	2.2:2.6	1.3	.....	0.011
12X1	1	32	0.2	1.3	19.5	12	9	0.6	2.5:2.9	1.3	.....	0.01
12X1.5	1.5	30	0.25	1.6	13.3	15	12	0.7	2.8:3.4	1.3	.....	0.01
12X2	2	40	0.25	1.85	9.89	17	13	0.8	3.1:3.7	1.6	.....	0.0095
12X2.5	2.5	50	0.25	2.01	7.98	20	16	0.8	3.4:4.1	1.6	.....	0.009

(**) : Special Product

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Cable size	Conductor : Flexible Copper(class-5)							Insulation : P.V.C.		Oversheath : P.V.C.		
	Conductor nominal cross section area(mm^2)	Number of strands	Diameter of each strand (mm)	Nominal conductor diameter (mm)	Max. DC resistance at 20ċ (ohm/km)	Current rating in air		Average insulation thickness (mm)	Approx. diameter after insulation (mm)	Oversheath nominal thickness (mm)	Approx. overall diameter (mm)	Min. Insulation resistance at 70ċ (Mohmkm)
						Free air	In pipes					
(**) 14X0.5	0.5	16	0.2	0.9	39	8	5	0.5	2.0:2.4	1.3	.....	0.012
14X0.75	0.75	24	0.2	1.1	26	10	7	0.6	2.2:2.6	1.3	.....	0.011
14X1	1	32	0.2	1.3	19.5	12	9	0.6	2.5:2.9	1.3	.....	0.01
14X1.5	1.5	30	0.25	1.6	13.3	15	12	0.7	2.8:3.4	1.6	.....	0.01
14X2	2	40	0.25	1.85	9.89	17	13	0.8	3.1:3.7	1.6	.....	0.0095
14X2.5	2.5	50	0.25	2.01	7.98	20	16	0.8	3.4:4.1	1.6	.....	0.009
(**) 19X0.5	0.5	16	0.2	0.9	39	8	5	0.5	2.0:2.4	1.3	.....	0.012
19X0.75	0.75	24	0.2	1.1	26	10	7	0.6	2.2:2.6	1.3	.....	0.011
19X1	1	32	0.2	1.3	19.5	12	9	0.6	2.5:2.9	1.3	.....	0.01
19X1.5	1.5	30	0.25	1.6	13.3	15	12	0.7	2.8:3.4	1.6	.....	0.01
19X2	2	40	0.25	1.85	9.89	17	13	0.8	3.1:3.7	1.6	.....	0.0095
19X2.5	2.5	50	0.25	2.01	7.98	20	16	0.8	3.4:4.1	1.6	.....	0.009
(**) 20X0.5	0.5	16	0.2	0.9	39	8	5	0.5	2.0:2.4	1.3	.....	0.012
20X0.75	0.75	24	0.2	1.1	26	10	7	0.6	2.2:2.6	1.3	.....	0.011
20X1	1	32	0.2	1.3	19.5	12	9	0.6	2.5:2.9	1.3	.....	0.01
20X1.5	1.5	30	0.25	1.6	13.3	15	12	0.7	2.8:3.4	1.6	.....	0.01
20X2	2	40	0.25	1.85	9.89	17	13	0.8	3.1:3.7	1.6	.....	0.0095
20X2.5	2.5	50	0.25	2.01	7.98	20	16	0.8	3.4:4.1	2	.....	0.009
(**) 24X0.5	0.5	16	0.2	0.9	39	8	5	0.5	2.0:2.4	1.3	.....	0.012
24X0.75	0.75	24	0.2	1.1	26	10	7	0.6	2.2:2.6	1.3	.....	0.011
24X1	1	32	0.2	1.3	19.5	12	9	0.6	2.5:2.9	1.6	.....	0.01
24X1.5	1.5	30	0.25	1.6	13.3	15	12	0.7	2.8:3.4	1.6	.....	0.01
24X2	2	40	0.25	1.85	9.89	17	13	0.8	3.1:3.7	2	.....	0.0095
24X2.5	2.5	50	0.25	2.01	7.98	20	16	0.8	3.4:4.1	2	.....	0.009

(**) : Special Product

Bare Copper Conductors

Description:
Hard drawn concentric lay stranded copper conductor.

Applicable standards:
- IEC 60228
- Egyptian standard 2948.

Conductors:
Hard bare solid copper.

Overhead Conductors

Bare Soft Stranded According To IEC- 60228

Plain bare soft drawn copper conductors according to IEC60228 CLASS-2

Conductor nominal cross section area(mm^2)	*Number of strands*	*Diameter of each strand (mm)*	*Max. DC resistance at 20ċ (ohm/km)*	*Approx. overall diameter (mm)*	*Approx. weight (kg/km)*
2.5	7	0.67	7.41	2.01	23
3	7	0.74	6.13	2.22	27
4	7	0.85	4.61	2.55	36
6	7	1.04	3.08	3.12	54
10	7	1.35	1.83	4.05	91
16	7	1.70	1.15	5.1	145
25	7	2.10	0.727	6.3	227
35	7	2.50	0.524	7.5	318
50	19	1.80	0.387	9	455
70	19	2.10	0.268	10.5	635
95	19	2.5	0.193	12.5	862
120	37	2.02	0.153	14.15	1089
150	37	2.25	0.121	15.75	1362
185	37	2.50	0.0991	17.5	1679
240	61	2.25	0.0754	20.25	2179
300	61	2.50	0.0601	22.5	2723

Rubber Cables

Description:
Flexible copper conductor insulated with rubber (ethylene propylene)

Applicable standards:
- IEC 60245
- IEC 60228

Conductors:
Annealed Flexible copper conductor in accordance with IEC60228-Class (5) and Egyptian standard 2948 Class (5).

Insulation:
Conductor shall be insulated with rubber in accordance with IEC 60245.

Single Core Cables With Flexible Copper Conductor And Rubber Insulated

Conductor : Flexible Copper(class-5)					*Insulation : Rubber*			
Conductor nominal cross section area(mm^2)	*Number of strands*	*Diameter of each strand (mm)*	*Nominal conductor diameter (mm)*	*Max. DC resistance at 20ċ (ohm/km)*	*Average insulation thickness (mm)*	*Mean Overall diameter after insulation (mm)*		*Min. Insulation resistance at 90ċ (Mohm.km)*
						Lower Limit	*Upper Limit*	
0.5	16	0.20	0.9	39.0	0.8	2.4	3.1	0.016
0.75	24	0.20	1.1	26.0	0.8	2.6	3.2	0.015
1	32	0.20	1.3	19.5	0.8	2.7	3.4	0.013
1.5	30	0.25	1.60	13.3	0.8	3.0	3.7	0.012
2.5	50	0.25	2.01	7.98	0.9	3.6	4.5	0.011
4	56	0.30	2.65	4.95	1.0	4.3	5.4	0.010
6	84	0.30	3.30	3.30	1.0	4.8	6.0	0.008
10	140	0.30	4.20	1.91	1.2	6.0	7.6	0.008
16	224	0.30	5.20	1.21	1.2	7.1	8.9	0.006
25	350	0.30	7.50	0.78	1.4	8.8	11.0	0.005
35	490	0.30	9.25	0.554	1.4	10.1	12.6	0.005
50	700	0.30	10.50	0.386	1.6	11.9	14.9	0.004
70	980	0.30	12.6	0.272	1.6	13.6	17.0	0.004
95	1330	0.30	14.7	0.206	1.8	15.5	19.3	0.004

Multi Core Cables With Flexible Copper Conductors , Rubber Insulated And Rubber Sheathed

Cable size	Conductor : Flexible Copper(class-5)					Insulation : Rubber	Oversheath : Rubber			
	Conductor nominal cross section area(mm^2)	Number of strands	Diameter of each strand (mm)	Nominal conductor diameter (mm)	Max. DC resistance at 20ċ (ohm/km)	Average insulation thickness (mm)	Oversheath nominal thickness (mm)	Mean overall diameter (mm)		Min. Insulation resistance at 90ċ (Mohm.km)
								Lower Limit	Upper Limit	
(*) 2X0.75	0.75	24	0.2	1.1	26	0.6	0.8	5.7	7.4	0.015
(*) 2X1	1	32	0.2	1.3	19.5	0.6	0.9	6.1	8	0.013
(*) 2X1.5	1.5	30	0.25	1.6	13.3	0.8	1	7.6	9.8	0.012
(*) 2X2.0	2	40	0.25	1.85	9.89	0.8	1	8	10.5	0.011
(*) 2X2.5	2.5	50	0.25	2.01	7.98	0.9	1.1	9	11.6	0.011
2X3	3	42	0.3	2.45	6.61	1	1.7	11.1	14	0.01
2X4	4	56	0.3	2.65	4.95	1	1.8	11.8	15.1	0.008
2X6	6	84	0.3	3.3	3.3	1	2	13.1	16.8	0.008
2X10	10	140	0.3	4.2	1.91	1.2	3.1	17.7	22.6	0.006
2X16	16	224	0.3	5.2	1.21	1.2	3.3	20.2	25.7	0.005
2X25	25	350	0.3	7.5	0.78	1.4	3.6	24.3	30.7	0.005
(*) 3X0.75	0.75	24	0.2	1.1	26	0.6	0.9	6.2	8.1	0.015
(*) 3X1	1	32	0.2	1.3	19.5	0.6	0.9	6.5	8.5	0.013
(*) 3X1.5	1.5	30	0.25	1.6	13.3	0.8	1	8	10.4	0.012
(*) 3X2.0	2	40	0.25	1.85	9.89	0.8	1	8.5	11.5	0.011
(*) 3X2.5	2.5	50	0.25	2.01	7.98	0.9	1.1	9.6	12.4	0.011
3X3	3	42	0.3	2.45	6.61	1	1.8	12	15	0.01
3X4	4	56	0.3	2.65	4.95	1	1.9	12.7	16.2	0.008
3X6	6	84	0.3	3.3	3.3	1	2.1	14.1	18	0.008
3X10	10	140	0.3	4.2	1.91	1.2	3.3	19.1	24.2	0.006
3X16	16	224	0.3	5.2	1.21	1.2	3.5	21.8	27.6	0.005
3X25	25	350	0.3	7.5	0.78	1.4	3.8	26.1	33	0.005
3X35	35	490	0.3	9.25	0.554	1.4	4.1	29.3	37.1	0.005
(*) 4X0.75	0.75	24	0.2	1.1	26	0.6	0.9	6.8	8.8	0.015
(*) 4X1	1	32	0.2	1.3	19.5	0.6	0.9	7.1	9.3	0.013
(*) 4X1.5	1.5	30	0.25	1.6	13.3	0.8	1.1	9	11.6	0.012
(*) 4X2.0	2	40	0.25	1.85	9.89	0.8	1.1	9.5	12.5	0.011
(*) 4X2.5	2.5	50	0.25	2.01	7.98	0.9	1.2	10.7	13.8	0.011
4X3	3	42	0.3	2.45	6.61	1	2	13	17	0.01
4X4	4	56	0.3	2.65	4.95	1	2	14	17.9	0.008
4X6	6	84	0.3	3.3	3.3	1	2.3	15.7	20	0.008
4X10	10	140	0.3	4.2	1.91	1.2	3.4	20.9	26.5	0.006
4X16	16	224	0.3	5.2	1.21	1.2	3.6	23.8	30.1	0.005
4X25	25	350	0.3	7.5	0.78	1.4	4.1	28.9	36.6	0.005
4X35	35	490	0.3	9.25	0.554	1.4	4.4	32.5	41.1	0.005
(*) 5X0.75	0.75	24	0.2	1.1	26	0.6	1	7.6	9.9	0.015
(*) 5X1	1	32	0.2	1.3	19.5	0.6	1	8	10.3	0.013
(*) 5X1.5	1.5	30	0.25	1.6	13.3	0.8	1.1	9.8	12.7	0.012
(*) 5X2.0	2	40	0.25	1.85	9.89	0.8	1.2	10.8	13.5	0.011
(*) 5X2.5	2.5	50	0.25	2.01	7.98	0.9	1.3	11.9	15.3	0.011
5X3	3	42	0.3	2.45	6.61	1	2.2	14	17.5	0.01
5X4	4	56	0.3	2.65	4.95	1	2.2	15.6	19.9	0.008
5X6	6	84	0.3	3.3	3.3	1	2.5	17.5	22.2	0.008
5X10	10	140	0.3	4.2	1.91	1.2	3.6	22.9	29.1	0.006
5X16	16	224	0.3	5.2	1.21	1.2	3.9	26.4	33.3	0.005
5X25	25	350	0.3	7.5	0.78	1.4	4.4	32	40.4	0.005

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(**) : Special Product

Automotive Cables

These wires are used for cars and other automotive products .

Conductor:
soft annealed stranded copper according to IEC60228-Class 5

Insulation:
polyvinylchloride, according to DIN ISO6722--1.

Temperature range:
-40ċ to +105 ċ

Automotive Cables With Flexible Copper Conductors And Thin Wall

Conductor : Flexible Copper(class-5)					*Insulation : P.V.C.*		*Wire Code*
Conductor nominal cross section area(mm^2)	*Number of strands*	*Diameter of each strand (mm)*	*Nominal conductor diameter (mm)*	*Max. DC resistance at 20ċ (ohm/km)*	*Nominal insulation thickness (mm)*	*Approx.. diameter after insulation (mm)*	
0.35	11	0.20	0.90	54.4	0.2	1.4	FLRY 0.35
0.5	16	0.20	1.00	37.1	0.22	1.6	FLRY 0.5
0.75	24	0.20	1.20	24.7	0.24	1.9	FLRY 0.75
1	32	0.20	1.35	18.5	0.24	2.1	FLRY 1.0
1.25	40	0.20	1.70	14.9	0.24	2.3	FLRY 1.25
1.5	30	0.25	1.70	12.7	0.24	2.4	FLRY 1.5
2	40	0.25	2.0	9.42	0.28	2.8	FLRY 2.0
2.5	50	0.25	2.2	7.60	0.28	3.0	FLRY 2.5
3	42	0.30	2.4	6.15	0.32	3.4	FLRY 3.0
4	56	0.30	2.75	4.71	0.32	3.7	FLRY 4.0
5	70	0.30	3.1	3.94	0.32	4.2	FLRY 5.0
6	84	0.30	3.3	3.14	0.32	4.3	FLRY 6.0
8	112	0.30	4.3	2.38	0.32	5.0	FLRY 8.0
10	140	0.30	4.5	1.82	0.48	5.8	FLRY 10.0
12	168	0.30	5.4	1.52	0.48	6.5	FLRY 12.0
16	224	0.30	6.3	1.16	0.52	7.3	FLRY 16.0
20	280	0.30	6.9	0.955	0.52	7.8	FLRY 20.0
25	350	0.30	7.8	0.743	0.52	8.8	FLRY 25.0

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Automotive Cables With Flexible Copper Conductors And P.V.C. Insulated

These wires are used for cars and other automotive products .

Conductor:

soft annealed stranded copper according to IEC60228-Class 5

Insulation:

polyvinylchloride, according to DIN ISO6722--1.

Temperature range:

-40ċ to +105 ċ

Conductor : Flexible Copper(class-5)					*Insulation : P.V.C.*		*Wire Code*
Conductor nominal cross section area(mm^2)	*Number of strands*	*Diameter of each strand (mm)*	*Nominal conductor diameter (mm)*	*Max. DC resistance at 20ċ (ohm/km)*	*Nominal insulation thickness (mm)*	*Approx.. diameter after insulation (mm)*	
0.5	16	0.20	1.00	37.1	0.6	2.3	FLY 0.5
0.75	24	0.20	1.20	24.7	0.6	2.5	FLY 0.75
1	32	0.20	1.35	18.5	0.6	2.7	FLY 1.0
1.25	40	0.20	1.70	14.9	0.6	2.95	FLY 1.25
1.5	30	0.25	1.7	12.7	0.6	3.0	FLY 1.5
2	40	0.25	2.0	9.42	0.6	3.3	FLY 2.0
2.5	50	0.25	2.2	7.60	0.70	3.6	FLY 2.5
3	42	0.30	2.4	6.15	0.70	4.1	FLY 3.0
4	56	0.30	2.75	4.71	0.80	4.4	FLY 4.0
5	70	0.30	3.1	3.94	0.80	4.9	FLY 5.0
6	84	0.30	3.3	3.14	0.80	5.0	FLY 6.0
8	112	0.30	4.3	2.38	0.80	5.9	FLY 8.0
10	140	0.30	4.5	1.82	1.00	6.5	FLY 10.0
12	168	0.30	5.4	1.52	1.00	7.4	FLY 12.0
16	224	0.30	6.3	1.16	1.00	8.3	FLY 16.0
20	280	0.30	6.9	0.955	1.10	9.1	FLY 20.0
25	350	0.30	7.8	0.743	1.30	10.4	FLY 25.0
30	420	0.30	8.3	0.647	1.30	10.9	FLY 30.0
35	490	0.30	9.0	0.527	1.30	11.6	FLY 35.0
40	560	0.30	9.6	0.473	1.40	12.4	FLY 40.0

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Fire Alarm Cables

Description:

Flexible copper conductor insulated with P.V.C, wrapped with aluminum tape, shielded and sheathed with P.V.C

Applicable standards:

- BS 5308
- IEC 60228

Conductors:

Annealed Flexible copper conductor in accordance with IEC60228-Class (5) and Egyptian standard 2948 Class (5).

Insulation:

Conductor shall be insulated with polyveinylchloride rated for 105 c.

Sheath:

Cores twisted, wrapped with aluminum tape, and sheathed with flame retardant polyveinylchloride (p.v.c.) rated for 105 c

Fire Alarm Multi Cores Cables

Cable size	*Conductor : Flexible Copper(class-5)*					*Insulation : P.V.C.*		*Oversheath : P.V.C.*	
	Conductor nominal cross section area(mm^2)	*Number of strands*	*Diameter of each strand (mm)*	*Nominal conductor diameter (mm)*	*Max. DC resistance at 20ċ (ohm/km)*	*Average insulation thickness (mm)*	*Approx. diameter after insulation (mm)*	*Oversheath nominal thickness (mm)*	*Approx. overall diameter (mm)*
2X1	1.0	14	0.30	1.3	19.5	0.6	2.5:2.9	0.8	6.6
3X1	1.0	14	0.30	1.3	19.5	0.6	2.5:2.9	0.8	7.0
4X1	1.0	14	0.30	1.3	19.5	0.6	2.5:2.9	0.8	7.6
2X1.5	1.5	21	0.30	1.60	13.3	0.7	2.8:3.4	0.8	7.1
3X1.5	1.5	21	0.30	1.60	13.3	0.7	2.8:3.4	0.9	7.8
4X1.5	1.5	21	0.30	1.60	13.3	0.7	2.8:3.4	0.9	8.5

Fire Alarm Multi Pairs Cables

Cable size	*Number of pairs*	*Conductor : Flexible Copper(class-5)*					*Insulation : P.V.C.*		*Oversheath : P.V.C.*	
		Conductor nominal cross section area(mm^2)	*Number of strands*	*Diameter of each strand (mm)*	*Nominal conductor diameter (mm)*	*Max. DC resistance at 20ċ (ohm/km)*	*Average insulation thickness (mm)*	*Approx. diameter after insulation (mm)*	*Oversheath nominal thickness (mm)*	*Approx. overall diameter (mm)*
2X2X1.5	2	1.5	21	0.30	1.60	13.3	0.7	2.8:3.4	1.2	12.0
4X2X1.5	4	1.5	21	0.30	1.60	13.3	0.7	2.8:3.4	1.2	14.0
8X2X1.5	8	1.5	21	0.30	1.60	13.3	0.7	2.8:3.4	1.3	18.1

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