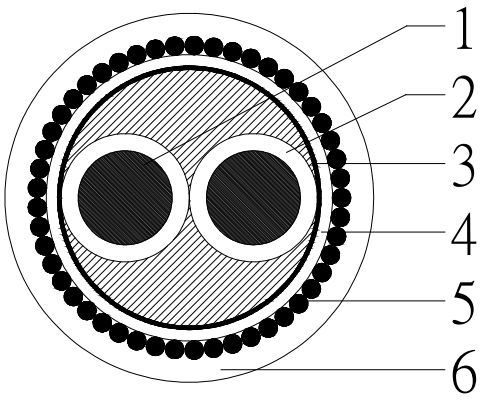
0.6/1KV PVC Insulated, PVC Inner Covering, Galvanized Steel Wire Armored and PVC Outer Sheathed Power *Cable*

(PVC/PVC/SWA/PVC Cable)



■SPECIFICATION：

1.Conductor：Bare copper concentric stranding.

2.Insulation：Polyvinyl chloride (PVC).

3.Assembly：Two of cores shall be assembled with non-hygroscopic fillers and suitable binder tape(s) shall be applied over the assembled cores.

4.Inner Covering：Polyvinyl chloride (PVC).

5.Armor：The armor shall consist of single layer of galvanized steel wires.

6.Outer sheath：Polyvinyl chloride (PVC).

■CABLE DIAMETER AND TEST：

No. of Cores	Conductor			Thickness of Insulation (nominal)	Thickness of Inner Covering (nominal)	Diameter of Armour wire (nominal)	Thickness of Outer Sheath (nominal)	Overall Diameter (approx.)	Max. Conductor Resistance (20℃)	Min. Insulation Volume Resistance (20℃)	A.C. Test Voltage
	Nominal Sectional Area	No. and Diameter of Wires	Outer Diameter (approx.)								
(C)	(mm^2)	(No./mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(Ω-cm)	(Kv/min.)
2	2.5	7/0.67	2.01	0.8	1.0	0.8	1.8	14.9	7.41	10^{13}	3.5/5
	4	7/0.85	2.55	1.0		1.25		17.5	4.61		
	6	7/1.04	3.12					18.6	3.08		
	10	7/--	3.8					20.5	1.83		
	16		4.8			1.6		23.2	1.15		
	25		6.1	1.2				26.8	0.727		
	35		7.1				1.9	29.0	0.524		
	50	19/--	8.2	1.4			2.0	32.2	0.387		
	70		9.8		1.2	2.0	2.1	36.8	0.268		
	95		11.6	1.6			2.3	41.6	0.193		
	120	37/--	13.1			2.5	2.4	45.8	0.153		
	150		14.6	1.8	1.4		2.6	50.4	0.124		

"--: compact round stranded"

■REMARK：

1.The reference standards to IEC 60502.

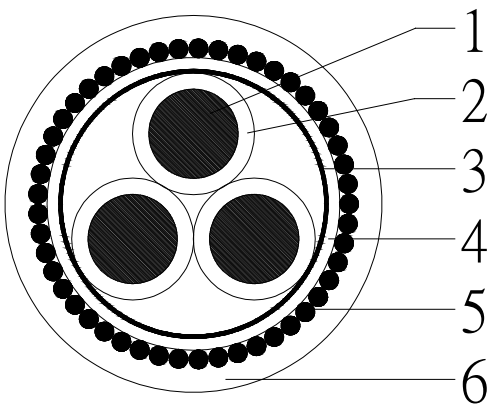
HUA ENG WIRE & CABLE CO.,LTD.

Address: No.170, Chung Cheng 4th Road, Kaohsiung, Taiwan, R.O.C.

Tel:886-7-2814161 **Fax**:886-7-2159918 **URL**:http://www.hegroup.com.tw

0.6/1KV PVC Insulated, PVC Inner Covering, Galvanized Steel Wire Armored and PVC Outer Sheathed Power *Cable*

(PVC/PVC/SWA/PVC Cable)



SPECIFICATION：

1.Conductor：Bare copper concentric stranding.

2.Insulation：Polyvinyl chloride (PVC).

3.Assembly：Three of cores shall be assembled with non-hygroscopic fillers and suitable binder tape(s) shall be applied over the assembled cores.

4.Inner Covering：Polyvinyl chloride (PVC).

5.Armor：The armor shall consist of single layer of galvanized steel wires.

6.Outer sheath：Polyvinyl chloride (PVC).

CABLE DIAMETER AND TEST：

No. of Cores	Conductor			Thickness of Insulation (nominal)	Thickness of Inner Covering (nominal)	Diameter of Armour wire (nominal)	Thickness of Outer Sheath (nominal)	Overall Diameter (approx.)	Max. Conductor Resistance (20℃)	Min. Insulation Volume Resistance (20℃)	A.C. Test Voltage
	Nominal Sectional Area	No. and Diameter of Wires	Outer Diameter (approx.)								
(C)	(mm^2)	(No./mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(Ω-cm)	(Kv/min.)
3	2.5	7/0.67	2.01	0.8	1.0	1.25	1.8	16.4	7.41	10^{13}	3.5/5
	4	7/0.85	2.55	1.0				18.2	4.61		
	6	7/1.04	3.12					19.4	3.08		
	10	7/--	3.8			1.6		22.1	1.83		
	16		4.8					24.3	1.15		
	25		6.1	1.2			1.9	28.3	0.727		
	35		7.1					30.5	0.524		
	50	19/--	8.2	1.4		2.0	2.1	34.9	0.387		
	70		9.8		1.2		2.2	39.0	0.268		
	95		11.6	1.6		2.5	2.4	45.1	0.193		
	120	37/--	13.1		1.4		2.5	49.0	0.153		
	150		14.6	1.8			2.7	53.5	0.124		

"--: compact round stranded"

REMARK：

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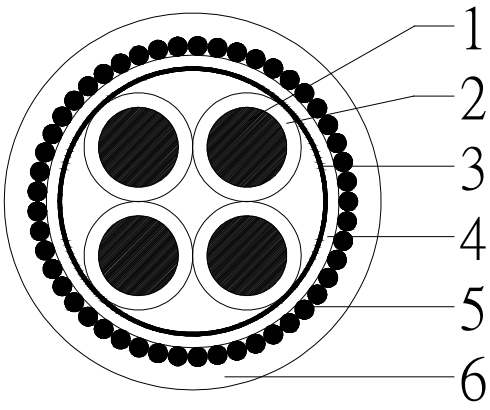
0.6/1KV PVC Insulated, PVC Inner Covering, Galvanized Steel Wire Armored and PVC Outer Sheathed Power *Cable*

(PVC/PVC/SWA/PVC Cable)



■SPECIFICATION：

1.Conductor：Bare copper concentric stranding.

2.Insulation：Polyvinyl chloride (PVC).

3.Assembly：Four of cores shall be assembled with non-hygroscopic fillers and suitable binder tape(s) shall be applied over the assembled cores.

4.Inner Covering：Polyvinyl chloride (PVC).

5.Armor：The armor shall consist of single layer of galvanized steel wires.

6.Outer sheath：Polyvinyl chloride (PVC).

■CABLE DIAMETER AND TEST：

No. of Cores	Conductor			Thickness of Insulation (nominal)	Thickness of Inner Covering (nominal)	Diameter of Armour wire (nominal)	Thickness of Outer Sheath (nominal)	Overall Diameter (approx.)	Max. Conductor Resistance (20℃)	Min. Insulation Volume Resistance (20℃)	A.C. Test Voltage
	Nominal Sectional Area	No. and Diameter of Wires	Outer Diameter (approx.)								
(C)	(mm^2)	(No./mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(Ω-cm)	(Kv/min.)
4	2.5	7/0.67	2.01	0.8	1.0	1.25	1.8	17.4	7.41	10^{13}	3.5/5
	4	7/0.85	2.55	1.0				19.4	4.61		
	6	7/1.04	3.12					20.8	3.08		
	10	7/--	3.8			1.6		23.6	1.83		
	16		4.8					26.1	1.15		
	25		6.1	1.2			1.9	30.6	0.727		
	35		7.1			2.0	2.1	34.2	0.524		
	50	19/--	8.2	1.4	1.2		2.2	38.4	0.387		
	70		9.8				2.3	42.5	0.268		
	95		11.6	1.6	1.4	2.5	2.6	49.8	0.193		
	120	37/--	13.1				2.7	53.6	0.153		
	150		14.6	1.8	1.6		2.9	59.0	0.124		

"--: compact round stranded"

■REMARK：

1.The reference standards to IEC 60502.

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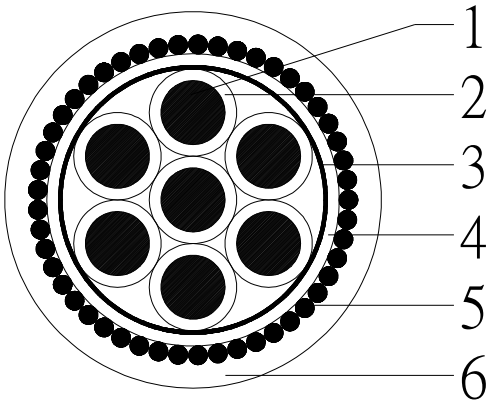
0.6/1KV PVC Insulated, PVC Inner Covering, Galvanized Steel Wire Armored and PVC Outer Sheathed Control *Cable*

(PVC/PVC/SWA/PVC Cable)



■SPECIFICATION：

1.Conductor：Bare copper concentric stranding.

2.Insulation：Polyvinyl chloride (PVC).

3.Assembly：Required number of cores shall be assembled with non-hygroscopic fillers and suitable binder tape(s) shall be applied over the assembled cores.

4.Inner Covering：Polyvinyl chloride (PVC).

5.Armor：The armor shall consist of single layer of galvanized steel wires.

6.Outer sheath：Polyvinyl chloride (PVC).

■CABLE DIAMETER AND TEST：

No. of Cores	Conductor			Thickness of Insulation (nominal)	Thickness of Inner Covering (nominal)	Diameter of Armour wire (nominal)	Thickness of Outer Sheath (nominal)	Overall Diameter (approx.)	Max. Conductor Resistance (20℃)	Min. Insulation Volume Resistance (20℃)	A.C. Test Voltage
	Nominal Sectional Area	No. and Diameter of Wires	Outer Diameter (approx.)								
(C)	(mm^2)	(No./mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(Ω-cm)	(Kv/min.)
5	2.5	7/0.67	2.01	0.8	1.0	1.25	1.8	18.4	7.41	10^{13}	3.5/5
7								19.6			
12						1.6		24.7			
14								25.7			

■REMARK：

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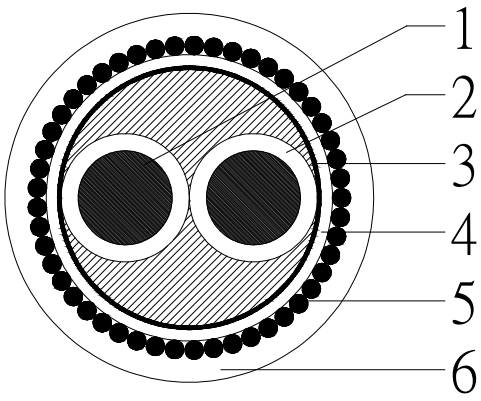
0.6/1KV XLPE Insulated, PVC Inner Covering, Galvanized Steel Wire Armored and PVC Outer Sheathed Power *Cable*

(XLPE/PVC/SWA/PVC Cable)



SPECIFICATION：

1.Conductor：Bare copper concentric stranding.

2.Insulation：Cross-linked polyethylene (XLPE).

3.Assembly：Two of cores shall be assembled with non-hygroscopic fillers and suitable binder tape(s) shall be applied over the assembled cores.

4.Inner Covering：Polyvinyl chloride (PVC).

5.Armor：The armor shall consist of single layer of galvanized steel wires.

6.Outer sheath：Polyvinyl chloride (PVC).

CABLE DIAMETER AND TEST：

No. of Cores	Conductor			Thickness of Insulation (nominal)	Thickness of Inner Covering (nominal)	Diameter of Armour wire (nominal)	Thickness of Outer Sheath (nominal)	Overall Diameter (approx.)	Max. Conductor Resistance (20℃)	Min. Insulation Volume Resistance (90℃)	A.C. Test Voltage
	Nominal Sectional Area	No. and Diameter of Wires	Outer Diameter (approx.)								
(C)	(mm^2)	(No./mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(Ω-cm)	(Kv/min.)
2	2.5	7/0.67	2.01	0.7	1.0	0.8	1.8	14.3	7.41	10^{12}	3.5/5
	4	7/0.85	2.55			1.25		16.3	4.61		
	6	7/1.04	3.12					17.4	3.08		
	10	7/--	3.8					19.3	1.83		
	16		4.8			1.6		22.0	1.15		
	25		6.1	0.9				25.4	0.727		
	35		7.1					27.4	0.524		
	50	19/--	8.2	1.0				29.8	0.387		
	70		9.8	1.1		2.0	1.9	34.6	0.268		
	95		11.6		1.2		2.0	38.8	0.193		
	120	37/--	13.1	1.2			2.1	42.6	0.153		
	150		14.6	1.4	1.4	2.5	2.3	48.0	0.124		

"--: compact round stranded"

REMARK：

1.The reference standards to IEC 60502.

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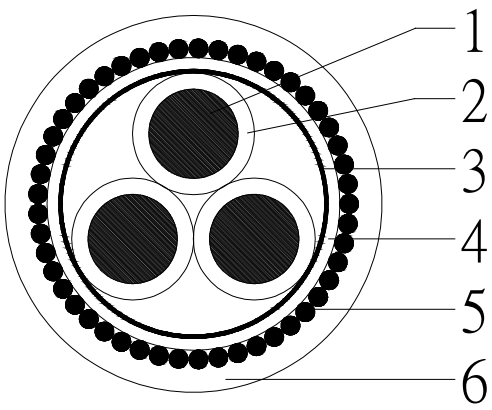
0.6/1KV XLPE Insulated, PVC Inner Covering, Galvanized Steel Wire Armored and PVC Outer Sheathed Power *Cable*

(XLPE/PVC/SWA/PVC Cable)



SPECIFICATION：

1.Conductor：Bare copper concentric stranding.

2.Insulation：Cross-linked polyethylene (XLPE).

3.Assembly：Three of cores shall be assembled with non-hygroscopic fillers and suitable binder tape(s) shall be applied over the assembled cores.

4.Inner Covering：Polyvinyl chloride (PVC).

5.Armor：The armor shall consist of single layer of galvanized steel wires.

6.Outer sheath：Polyvinyl chloride (PVC).

CABLE DIAMETER AND TEST：

No. of Cores	Conductor			Thickness of Insulation (nominal)	Thickness of Inner Covering (nominal)	Diameter of Armour wire (nominal)	Thickness of Outer Sheath (nominal)	Overall Diameter (approx.)	Max. Conductor Resistance (20℃)	Min. Insulation Volume Resistance (90℃)	A.C. Test Voltage
	Nominal Sectional Area	No. and Diameter of Wires	Outer Diameter (approx.)								
(C)	(mm^2)	(No./mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(Ω-cm)	(Kv/min.)
3	2.5	7/0.67	2.01	0.7	1.0	0.8	1.8	14.9	7.41	10^{12}	3.5/5
	4	7/0.85	2.55			1.25		16.9	4.61		
	6	7/1.04	3.12					18.2	3.08		
	10	7/--	3.8					20.1	1.83		
	16		4.8			1.6		23.0	1.15		
	25		6.1	0.9				26.6	0.727		
	35		7.1				1.9	29.0	0.524		
	50	19/--	8.2	1.0			2.0	31.8	0.387		
	70		9.8	1.1	1.2	2.0	2.2	37.5	0.268		
	95		11.6				2.3	41.6	0.193		
	120	37/--	13.1	1.2		2.5	2.5	46.8	0.153		
	150		14.6	1.4	1.4		2.6	51.3	0.124		

"--: compact round stranded"

REMARK：

1.The reference standards to IEC 60502.

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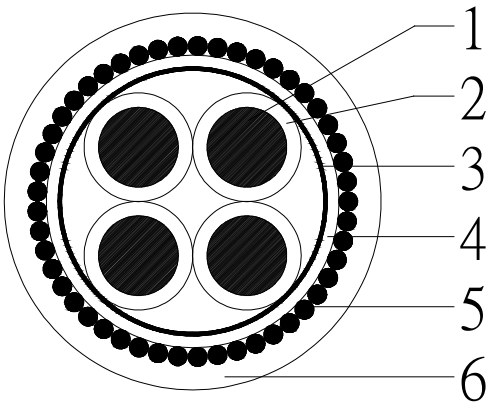
0.6/1KV XLPE Insulated, PVC Inner Covering, Galvanized Steel Wire Armored and PVC Outer Sheathed Power *Cable*

(XLPE/PVC/SWA/PVC Cable)



SPECIFICATION：

1.Conductor：Bare copper concentric stranding.

2.Insulation：Cross-linked polyethylene (XLPE).

3.Assembly：Four of cores shall be assembled with non-hygroscopic fillers and suitable binder tape(s) shall be applied over the assembled cores.

4.Inner Covering：Polyvinyl chloride (PVC).

5.Armor：The armor shall consist of single layer of galvanized steel wires.

6.Outer sheath：Polyvinyl chloride (PVC).

CABLE DIAMETER AND TEST：

No. of Cores	Conductor			Thickness of Insulation (nominal)	Thickness of Inner Covering (nominal)	Diameter of Armour wire (nominal)	Thickness of Outer Sheath (nominal)	Overall Diameter (approx.)	Max. Conductor Resistance (20℃)	Min. Insulation Volume Resistance (90℃)	A.C. Test Voltage
	Nominal Sectional Area	No. and Diameter of Wires	Outer Diameter (approx.)								
(C)	(mm^2)	(No./mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(Ω-cm)	(Kv/min.)
4	2.5	7/0.67	2.01	0.7	1.0	1.25	1.8	16.7	7.41	10^{12}	3.5/5
	4	7/0.85	2.55					18.0	4.61		
	6	7/1.04	3.12					19.4	3.08		
	10	7/--	3.8			1.6		22.2	1.83		
	16		4.8					24.6	1.15		
	25		6.1	0.9			1.9	28.9	0.727		
	35		7.1				2.0	31.5	0.524		
	50	19/--	8.2	1.0	1.2	2.0	2.1	35.8	0.387		
	70		9.8	1.1			2.3	40.8	0.268		
	95		11.6			2.5	2.5	46.6	0.193		
	120	37/--	13.1	1.2	1.4		2.6	51.5	0.153		
	150		14.6	1.4			2.8	56.2	0.124		

"--: compact round stranded"

REMARK：

1.The reference standards to IEC 60502.

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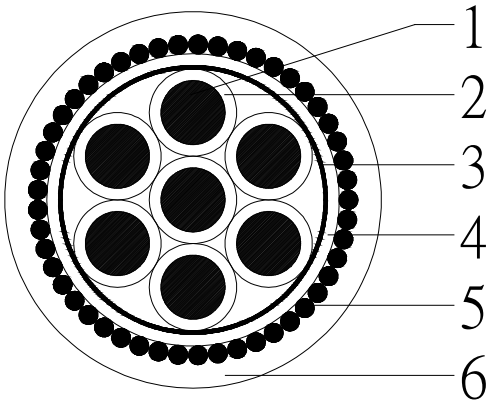
0.6/1KV XLPE Insulated, PVC Inner Covering, Galvanized Steel Wire Armored and PVC Outer Sheathed Control *Cable*

(XLPE/PVC/SWA/PVC Cable)



SPECIFICATION：

1.Conductor：Bare copper concentric stranding.

2.Insulation：Cross-linked polyethylene (XLPE).

3.Assembly：Required number of cores shall be assembled with non-hygroscopic fillers and suitable binder tape(s) shall be applied over the assembled cores.

4.Inner Covering：Polyvinyl chloride (PVC).

5.Armor：The armor shall consist of single layer of galvanized steel wires.

6.Outer sheath：Polyvinyl chloride (PVC).

CABLE DIAMETER AND TEST：

No. of Cores	Conductor			Thickness of Insulation (nominal)	Thickness of Inner Covering (nominal)	Diameter of Armour wire (nominal)	Thickness of Outer Sheath (nominal)	Overall Diameter (approx.)	Max. Conductor Resistance (20℃)	Min. Insulation Volume Resistance (90℃)	A.C. Test Voltage
	Nominal Sectional Area	No. and Diameter of Wires	Outer Diameter (approx.)								
(C)	(mm^2)	(No./mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(Ω-cm)	(Kv/min.)
5	2.5	7/0.67	2.01	0.7	1.0	1.25	1.8	17.7	7.41	10^{12}	3.5/5
7								18.7			
12						1.6		23.4			
14								24.3			

REMARK：

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