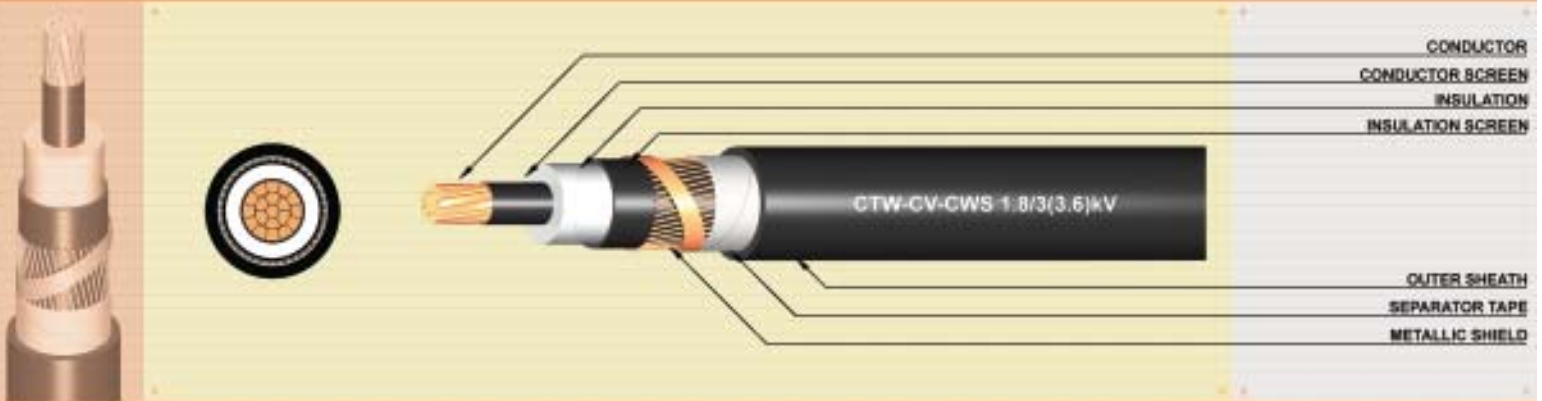




CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-CV-CWS SINGLE CORE CU/XLPE/CWS/PE 1.8/3 (3.6) kV

MEDIUM VOLTAGE CROSS-LINKED POLYETHYLENE CABLE, COPPER CONDUCTOR WITH COPPER WIRE SHIELD



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Compact round stranded annealed copper.	Preferably used for urban networks. Exposed in aerial, direct burial, conduit, open tray and underground duct installation.	Maximum Conductor Temperature 90 °C (Normal Operation)
Conductor Screen	Semi-conducting cross-linked polyethylene.		Maximum Conductor Temperature 250 °C (Short-circuit at 5s maximum duration)
Insulation	Cross-linked polyethylene. (XLPE)	REFERENCE IEC 60228 & IEC 60502-1 ** AC Test Voltage : 6.5 kV	NOTE A special FR-PVC or Low Smoke Halogen Free (LSHF) Flame retardant sheath can be supplied in accordance with IEC 60332-3.
Insulation Screen	Semi-conducting cross-linked polyethylene.		
Metallic Shield	Annealed copper wire with copper contact tape.		
Separator Tape	Spunbond tape (Optional : water blocking tape)		
Outer Sheath	Black Polyethylene (ST7) ; Optional : Polyvinyl chloride (ST2)		

Product code	Conductor			Thickness of insulation mm	Diameter over insulation (Approx.) mm	Copper wire shield		Thickness of outer sheath mm	Overall diameter (Approx.) mm	Cable weight (Approx.) kg/km	Maximum conductor resistance at 20°C Ω/km	Minimum insulation resistance at 20°C MΩ-km	Ampacities direct burial in ground at 30°C A	Allowable ampacities in free air at 40°C (ambient) A	Standard length m/R
	Nominal cross-sectional area core x mm ²	Minimum number of wire No./mm	Diameter (Approx.) mm			Number of wire No.	Diameter of wire mm								
K3A241010	1 x 10	6	3.72	2.0	9.0	20	0.80	1.4	17	330	1.83	2,700	90	100	1,000
K3A241016	1 x 16	6	4.69	2.0	10.0	20	0.80	1.5	18	400	1.15	2,400	115	125	1,000
K3A241025	1 x 25	6	5.90	2.0	11.5	20	0.80	1.5	19	500	0.727	2,100	150	165	1,000
K3A241035	1 x 35	6	6.95	2.0	12.5	20	0.80	1.6	21	610	0.524	1,800	180	200	1,000
K3A241050	1 x 50	6	8.33	2.0	13.5	20	0.80	1.6	22	770	0.387	1,600	210	240	1,000
K3A241070	1 x 70	12	9.73	2.0	15.5	20	0.80	1.6	24	980	0.268	1,400	260	295	1,000
K3A241095	1 x 95	15	11.45	2.0	17.0	20	0.80	1.7	26	1,240	0.193	1,200	310	365	1,000
K3A241120	1 x 120	18	12.95	2.0	18.5	20	0.80	1.8	27	1,500	0.153	1,100	350	420	1,000
K3A241150	1 x 150	18	14.27	2.0	20.0	25	0.90	1.8	29	1,850	0.124	1,100	395	475	1,000
K3A241185	1 x 185	30	15.98	2.0	21.5	25	0.90	1.9	31	2,200	0.0991	900	450	545	1,000
K3A241240	1 x 240	34	18.47	2.0	24.0	30	1.03	2.0	34	2,840	0.0754	800	520	640	500
K3A241300	1 x 300	34	20.68	2.0	26.5	30	1.03	2.1	37	3,430	0.0601	700	585	740	500
K3A241400	1 x 400	53	23.39	2.0	29.5	30	1.03	2.2	40	4,420	0.0470	700	670	850	500
K3A241500	1 x 500	53	26.67	2.2	33.5	30	1.03	2.3	44	5,430	0.0366	700	760	975	250
K3A241630	1 x 630	53	30.20	2.4	37.5	40	0.90	2.4	48	6,770	0.0283	600	860	1,130	250
K3A241800	1 x 800	53	34.00	2.6	41.5	40	0.90	2.6	53	8,470	0.0221	600	1,025	1,330	250
K3A2411000	1 x 1,000	53	40.00	2.8	47.5	40	0.90	2.8	60	10,500	0.0176	600	1,215	1,520	250

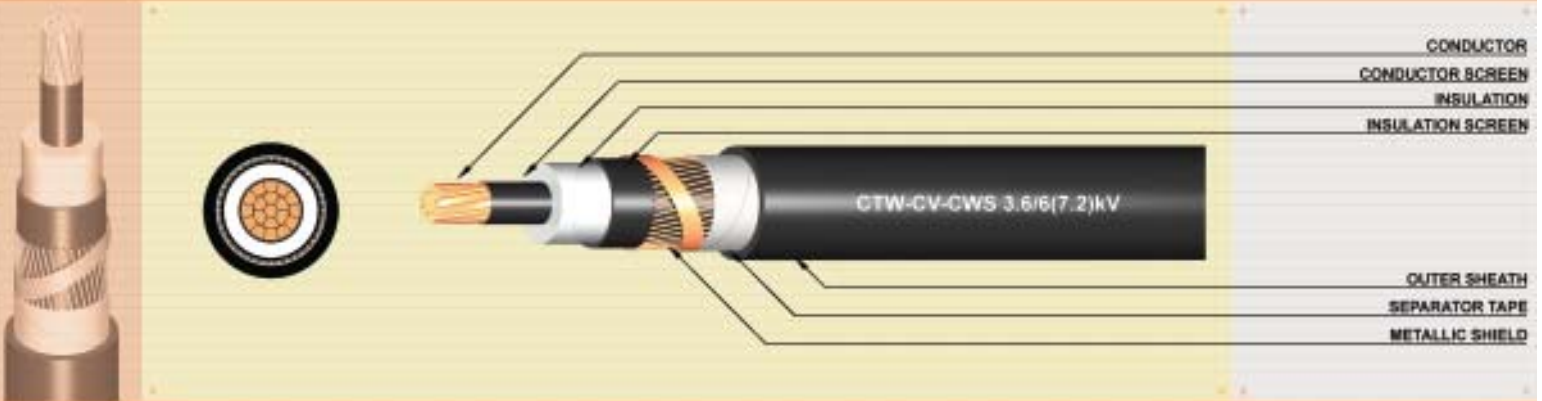
** Depth of laying in ground = 1 m, Rho = 1.2 °C m/watt, Spacing of cable = 2 x cable overall diameter
R = Packing in reel



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-CV-CWS SINGLE CORE CU/XLPE/CWS/PE 3.6/6 (7.2) kV

MEDIUM VOLTAGE CROSS-LINKED POLYETHYLENE CABLE, COPPER CONDUCTOR WITH COPPER WIRE SHIELD



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Compact round stranded annealed copper.	Preferably used for urban networks. Exposed in aerial, direct burial, conduit, open tray and underground duct installation.	Maximum Conductor Temperature 90 °C (Normal Operation)
Conductor Screen	Semi-conducting cross-linked polyethylene.		Maximum Conductor Temperature 250 °C (Short-circuit at 5s maximum duration)
Insulation	Cross-linked polyethylene. (XLPE)	REFERENCE IEC 60228 & IEC 60502-2 ** AC Test Voltage : 12.5 kV	NOTE A special FR-PVC or Low Smoke Halogen Free (LSHF) Flame retardant sheath can be supplied in accordance with IEC 60332-3.
Insulation Screen	Semi-conducting cross-linked polyethylene.		
Metallic Shield	Annealed copper wire with copper contact tape.		
Separator Tape	Spunbond tape (Optional : water blocking tape)		
Outer Sheath	Black Polyethylene (ST7) ; Optional : Polyvinyl chloride (ST2)		

Product code	Conductor			Thickness of insulation (mm)	Diameter over insulation (Approx.) (mm)	Copper wire shield		Thickness of outer sheath (mm)	Overall diameter (Approx.) (mm)	Cable weight (Approx.) (kg/km)	Maximum conductor resistance at 20°C (Ω/km)	Minimum insulation resistance at 20°C (MΩ-km)	Ampacities direct burial in ground at 30°C (A)	Allowable ampacities in free air at 40°C (ambient) (A)	Standard length (m/R)
	Nominal cross-sectional area core x mm ²	Minimum number of wire No./mm	Diameter (Approx.) (mm)			Number of wire	Diameter of wire (mm)								
K3B241010	1 x 10	6	3.72	2.5	10.0	20	0.80	1.5	18	350	1.83	3,100	90	100	1,000
K3B241016	1 x 16	6	4.69	2.5	11.0	20	0.80	1.5	19	420	1.15	2,800	115	125	1,000
K3B241025	1 x 25	6	5.90	2.5	12.5	20	0.80	1.6	21	53	0.727	2,400	150	165	1,000
K3B241035	1 x 35	6	6.95	2.5	13.5	20	0.80	1.6	22	640	0.524	2,100	180	200	1,000
K3B241050	1 x 50	6	8.33	2.5	14.5	20	0.80	1.6	23	800	0.387	1,900	210	240	1,000
K3B241070	1 x 70	12	9.73	2.5	16.5	20	0.80	1.7	25	1,020	0.268	1,700	260	295	1,000
K3B241095	1 x 95	15	11.45	2.5	18.0	20	0.80	1.7	27	1,270	0.193	1,500	310	365	1,000
K3B241120	1 x 120	18	12.95	2.5	19.5	20	0.80	1.8	28	1,540	0.153	1,300	350	420	1,000
K3B241150	1 x 150	18	14.27	2.5	21.0	25	0.90	1.9	30	1,900	0.124	1,200	395	475	1,000
K3B241185	1 x 185	30	15.98	2.5	22.5	25	0.90	1.9	32	2,250	0.0991	1,100	450	545	1,000
K3B241240	1 x 240	34	18.47	2.6	25.5	30	1.03	2.0	35	2,900	0.0754	1,000	520	640	500
K3B241300	1 x 300	34	20.68	2.8	28.0	30	1.03	2.1	38	3,520	0.0601	1,000	585	740	500
K3B241400	1 x 400	53	23.39	3.0	31.5	30	1.03	2.2	42	4,530	0.0470	900	670	850	500
K3B241500	1 x 500	53	26.67	3.2	35.5	30	1.03	2.4	47	5,560	0.0366	900	760	975	250
K3B241630	1 x 630	53	30.20	3.2	38.5	40	0.90	2.5	50	6,900	0.0283	800	860	1,130	250
K3B241800	1 x 800	53	34.00	3.2	42.5	40	0.90	2.6	55	8,560	0.0221	700	1,025	1,330	250
K3B2411000	1 x 1,000	53	40.00	3.2	48.5	40	0.90	2.8	61	10,570	0.0176	600	1,215	1,520	250

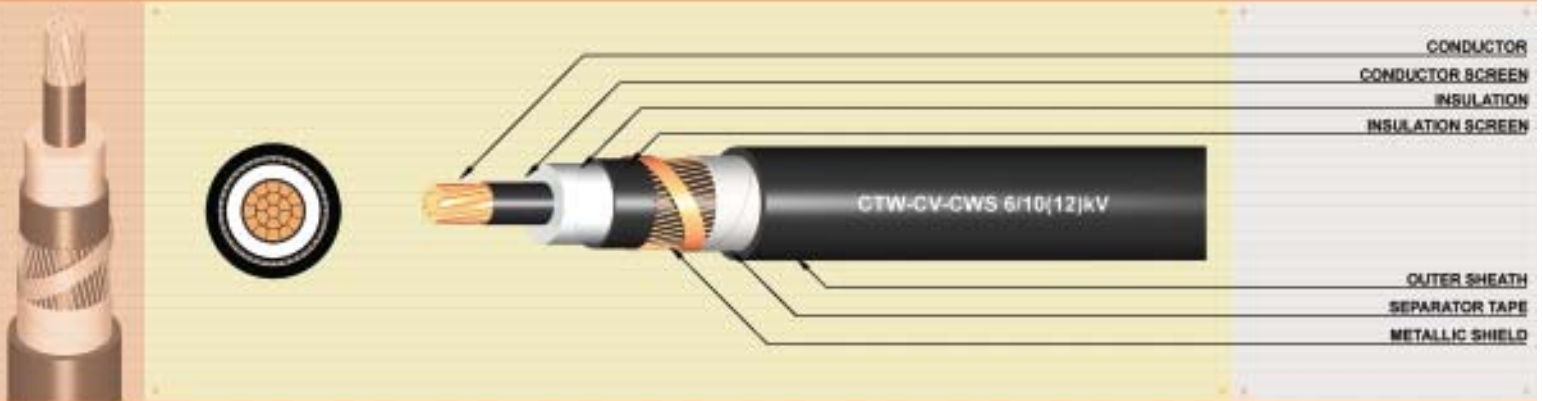
** Depth of laying in ground = 1 m, Rho = 1.2 °C m/watt, Spacing of cable = 2 x cable overall diameter



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-CV-CWS SINGLE CORE CU/XLPE/CWS/PE 6/10 (12) kV

MEDIUM VOLTAGE CROSS-LINKED POLYETHYLENE CABLE, COPPER CONDUCTOR WITH COPPER WIRE SHIELD



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Compact round stranded annealed copper.	Preferably used for urban networks. Exposed in aerial, direct burial, conduit, open tray and underground duct installation.	Maximum Conductor Temperature 90 °C (Normal Operation)
Conductor Screen	Semi-conducting cross-linked polyethylene.		Maximum Conductor Temperature 250 °C (Short-circuit at 5s maximum duration)
Insulation	Cross-linked polyethylene. (XLPE)	REFERENCE IEC 60228 & IEC 60502-2 ** AC Test Voltage : 21 kV	NOTE A special FR-PVC or Low Smoke Halogen Free (LSHF) Flame retardant sheath can be supplied in accordance with IEC 60332-3.
Insulation Screen	Semi-conducting cross-linked polyethylene.		
Metallic Shield	Annealed copper wire with copper contact tape.		
Separator Tape	Spunbond tape (Optional : water blocking tape)		
Outer Sheath	Black Polyethylene (ST7) ; Optional : Polyvinyl chloride (ST2)		

Product code	Conductor			Thickness of insulation (mm)	Diameter over insulation (Approx.) (mm)	Copper wire shield		Thickness of outer sheath (mm)	Overall diameter (Approx.) (mm)	Cable weight (Approx.) (kg/km)	Maximum conductor resistance at 20°C (Ω/km)	Minimum insulation resistance at 20°C (MΩ-km)	Ampacities direct burial in ground at 30°C (A)	Allowable ampacities in free air at 40°C (ambient) (A)	Standard length (m/R)
	Nominal cross-sectional area core x mm ²	Minimum number of wire No./mm	Diameter (Approx.) (mm)			Number of wire	Diameter of wire (mm)								
K3E241016	1 x 16	6	4.69	3.4	13.0	20	0.80	1.6	21	480	1.15	3,000	110	120	1,000
K3E241025	1 x 25	6	5.90	3.4	14.0	20	0.80	1.6	23	580	0.727	2,700	140	160	1,000
K3E241035	1 x 35	6	6.95	3.4	15.0	20	0.80	1.7	24	700	0.524	2,400	170	195	1,000
K3E241050	1 x 50	6	8.33	3.4	16.5	20	0.80	1.7	25	870	0.387	2,200	200	235	1,000
K3E241070	1 x 70	12	9.73	3.4	18.0	20	0.80	1.8	27	1,090	0.268	1,900	250	290	1,000
K3E241095	1 x 95	15	11.45	3.4	19.5	20	0.80	1.8	29	1,350	0.193	1,700	295	360	1,000
K3E241120	1 x 120	18	12.95	3.4	21.0	20	0.80	1.9	31	1,620	0.153	1,600	335	415	1,000
K3E241150	1 x 150	18	14.27	3.4	22.5	25	0.90	1.9	32	1,970	0.124	1,500	375	470	1,000
K3E241185	1 x 185	30	15.98	3.4	24.5	25	0.90	2.0	34	2,340	0.0991	1,400	430	540	1,000
K3E241240	1 x 240	34	18.47	3.4	27.0	30	1.03	2.1	37	2,990	0.0754	1,200	495	635	500
K3E241300	1 x 300	34	20.68	3.4	29.0	30	1.03	2.2	40	3,590	0.0601	1,100	560	735	500
K3E241400	1 x 400	53	23.39	3.4	32.0	30	1.03	2.3	43	4,590	0.0470	1,000	640	845	500
K3E241500	1 x 500	53	26.67	3.4	35.5	30	1.03	2.4	47	5,590	0.0366	900	725	970	250
K3E241630	1 x 630	53	30.20	3.4	39.0	40	0.90	2.5	51	6,920	0.0283	800	820	1,125	250
K3E241800	1 x 800	53	34.00	3.4	43.0	40	0.90	2.6	55	8,590	0.0221	700	985	1,325	250
K3E241000	1 x 1,000	53	40.00	3.4	49.0	40	0.90	2.8	62	10,600	0.0176	600	1,185	1,515	250

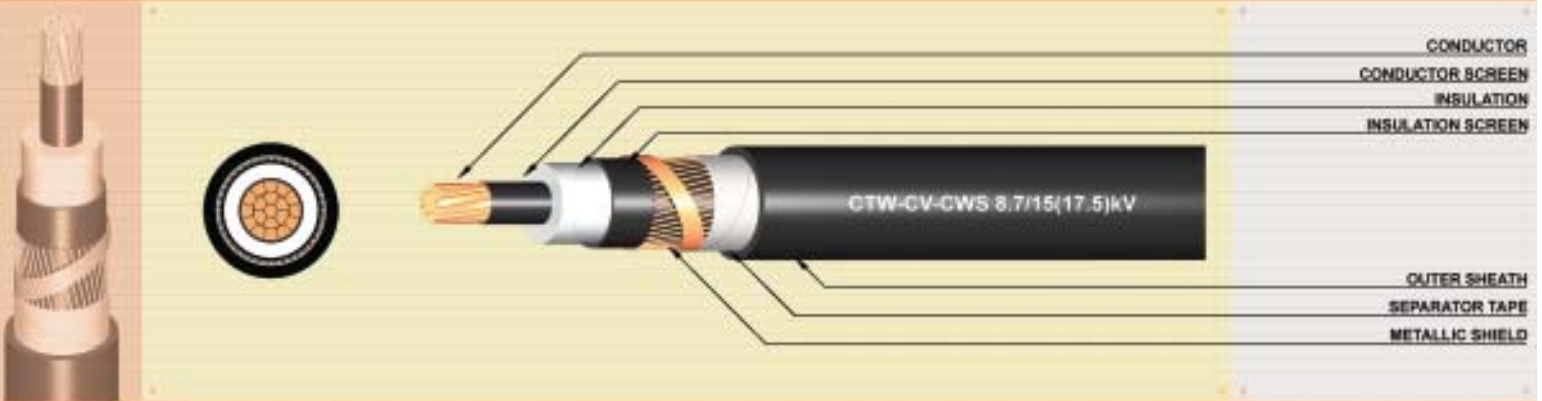
** Depth of laying in ground = 1 m, Rho = 1.2 °C m/watt, Spacing of cable = 2 x cable overall diameter
R = Packing in reel



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-CV-CWS SINGLE CORE CU/XLPE/CWS/PE 8.7/15 (17.5) kV

MEDIUM VOLTAGE CROSS-LINKED POLYETHYLENE CABLE, COPPER CONDUCTOR WITH COPPER WIRE SHIELD



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Compact round stranded annealed copper.	Preferably used for urban networks. Exposed in aerial, direct burial, conduit, open tray and underground duct installation.	Maximum Conductor Temperature 90 °C (Normal Operation)
Conductor Screen	Semi-conducting cross-linked polyethylene.		Maximum Conductor Temperature 250 °C (Short-circuit at 5s maximum duration)
Insulation	Cross-linked polyethylene. (XLPE)		
Insulation Screen	Semi-conducting cross-linked polyethylene.		
Metallic Shield	Annealed copper wire with copper contact tape.		
Separator Tape	Spunbond tape (Optional : water blocking tape)		
Outer Sheath	Black Polyethylene (ST7) ; Optional : Polyvinyl chloride (ST2)		
		REFERENCE	NOTE
		IEC 60228 & IEC 60502-2	A special FR-PVC or Low Smoke Halogen Free (LSHF) Flame retardant sheath can be supplied in accordance with IEC 60332-3.
		** AC Test Voltage : 30.5 kV	

Product code	Conductor			Thickness of insulation mm	Diameter over insulation (Approx.) mm	Copper wire shield		Thickness of outer sheath mm	Overall diameter (Approx.) mm	Cable weight (Approx.) kg/km	Maximum conductor resistance at 20°C Ω/km	Minimum insulation resistance at 20°C MΩ·km	Ampacities direct burial in ground at 30°C A	Allowable ampacities in free air at 40°C (ambient) A	Standard length m/R
	Nominal cross-sectional area core x mm ²	Minimum number of wire No./mm	Diameter (Approx.) mm			Number of wire	Diameter of wire mm								
K3F241025	1 x 25	6	5.90	4.5	16.0	20	0.80	1.7	25	660	0.727	3,200	140	155	1,000
K3F241035	1 x 35	6	6.95	4.5	17.0	20	0.80	1.7	26	780	0.524	2,900	170	190	1,000
K3F241050	1 x 50	6	8.33	4.5	18.5	20	0.80	1.8	28	960	0.387	2,700	200	230	1,000
K3F241070	1 x 70	12	9.73	4.5	20.0	20	0.80	1.8	29	1,170	0.268	2,400	250	285	1,000
K3F241095	1 x 95	15	11.45	4.5	22.0	20	0.80	1.9	32	1,450	0.193	2,200	295	355	1,000
K3F241120	1 x 120	18	12.95	4.5	23.5	20	0.80	1.9	33	1,710	0.153	2,000	335	410	1,000
K3F241150	1 x 150	18	14.27	4.5	25.0	25	0.90	2.0	35	2,080	0.124	1,800	375	455	1,000
K3F241185	1 x 185	30	15.98	4.5	26.5	25	0.90	2.1	37	2,460	0.0991	1,700	430	525	1,000
K3F241240	1 x 240	34	18.47	4.5	29.0	30	1.03	2.2	40	3,110	0.0754	1,500	495	620	500
K3F241300	1 x 300	34	20.68	4.5	31.5	30	1.03	2.2	42	3,720	0.0601	1,400	560	720	500
K3F241400	1 x 400	53	23.39	4.5	34.5	30	1.03	2.3	46	4,730	0.0470	1,300	640	825	500
K3F241500	1 x 500	53	26.67	4.5	38.0	30	1.03	2.5	50	5,750	0.0366	1,100	725	950	250
K3F241630	1 x 630	53	30.20	4.5	41.5	40	0.90	2.6	53	7,100	0.0283	1,000	820	1,120	250
K3F241800	1 x 800	53	34.00	4.5	45.0	40	0.90	2.7	58	8,780	0.0221	900	985	1,305	250
K3F2411000	1 x 1,000	53	40.00	4.5	51.5	40	0.90	2.9	63	10,810	0.0176	800	1,185	1,495	250

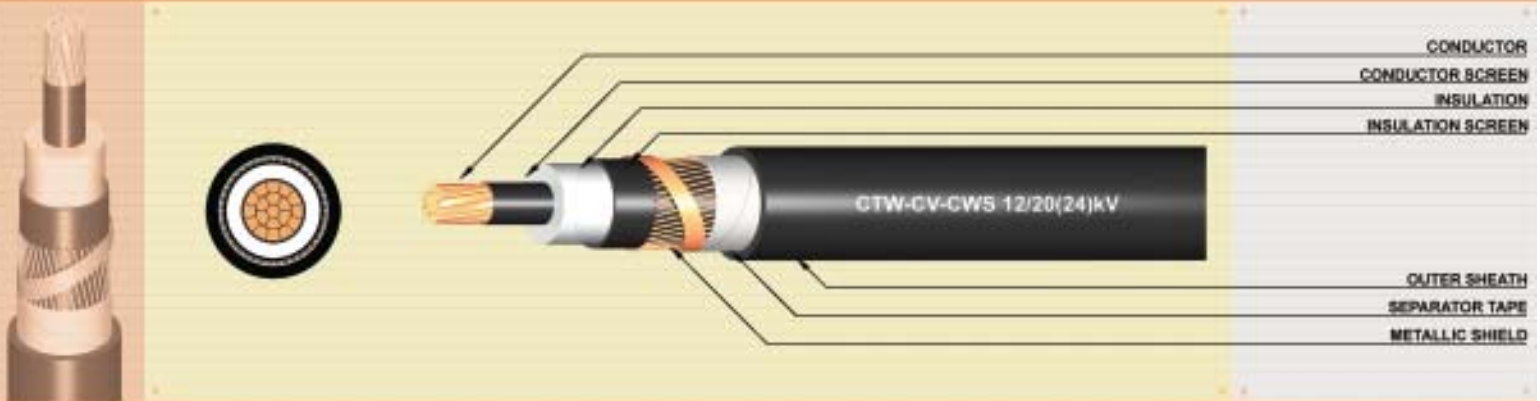
** Depth of laying in ground = 1 m, Rho = 1.2 °C m/watt, Spacing of cable = 2 x cable overall diameter



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-CV-CWS SINGLE CORE CU/XLPE/CWS/PE 12/20 (24) kV

MEDIUM VOLTAGE CROSS-LINKED POLYETHYLENE CABLE, COPPER CONDUCTOR WITH COPPER WIRE SHIELD



CONSTRUCTION

Conductor	Compact round stranded annealed copper.
Conductor Screen	Semi-conducting cross-linked polyethylene.
Insulation	Cross-linked polyethylene. (XLPE)
Insulation Screen	Semi-conducting cross-linked polyethylene.
Metallic Shield	Annealed copper wire with copper contact tape.
Separator Tape	Spunbond tape (Optional : water blocking tape)
Outer Sheath	Black Polyethylene (ST7) ; Optional : Polyvinyl chloride (ST2)

APPLICATION

Preferably used for urban networks. Exposed in aerial, direct burial, conduit, open tray and underground duct installation.

CLASSIFICATION

Maximum Conductor Temperature 90 °C (Normal Operation)
Maximum Conductor Temperature 250 °C (Short-circuit at 5s maximum duration)

REFERENCE

IEC 60228 & IEC 60502-2
** AC Test Voltage : 42 kV

NOTE

A special FR-PVC or Low Smoke Halogen Free (LSHF) Flame retardant sheath can be supplied in accordance with IEC 60332-3.

Product code	Conductor			Thickness of insulation (mm)	Diameter over insulation (Approx.) (mm)	Copper wire shield		Thickness of outer sheath (mm)	Overall diameter (Approx.) (mm)	Cable weight (Approx.) (kg/km)	Maximum conductor resistance at 20°C (Ω/km)	Minimum insulation resistance at 20°C (MΩ-km)	Ampacities direct burial in ground at 30°C (A)	Allowable ampacities in free air at 40°C (ambient) (A)	Standard length (m/R)
	Nominal cross-sectional area core x mm ²	Minimum number of wire No./mm	Diameter (Approx.) (mm)			Number of wire	Diameter of wire (mm)								
K3G241035	1 x 35	6	6.95	5.5	19.5	20	0.80	1.8	29	860	0.524	3,300	170	200	1,000
K3G241050	1 x 50	6	8.33	5.5	21.0	20	0.80	1.9	30	1,040	0.387	3,100	200	240	1,000
K3G241070	1 x 70	12	9.73	5.5	22.5	20	0.80	1.9	32	1,260	0.268	2,800	250	295	1,000
K3G241095	1 x 95	15	11.45	5.5	24.0	20	0.80	2.0	34	1,550	0.193	2,500	295	365	1,000
K3G241120	1 x 120	18	12.95	5.5	25.5	20	0.80	2.0	36	1,820	0.153	2,300	335	420	1,000
K3G241150	1 x 150	18	14.27	5.5	27.0	25	0.90	2.1	37	2,190	0.124	2,200	375	475	1,000
K3G241185	1 x 185	30	15.98	5.5	28.5	25	0.90	2.1	39	2,560	0.0991	2,000	430	545	1,000
K3G241240	1 x 240	34	18.47	5.5	31.0	30	1.03	2.2	42	3,230	0.0754	1,800	495	640	500
K3G241300	1 x 300	34	20.68	5.5	33.5	30	1.03	2.3	45	3,850	0.0601	1,600	560	740	500
K3G241400	1 x 400	53	23.39	5.5	36.5	30	1.03	2.4	48	4,870	0.0470	1,500	640	850	500
K3G241500	1 x 500	53	26.67	5.5	40.0	30	1.03	2.5	52	5,890	0.0366	1,300	725	975	250
K3G241630	1 x 630	53	30.20	5.5	43.5	40	0.90	2.6	56	7,250	0.0283	1,200	820	1,130	250
K3G241800	1 x 800	53	34.00	5.5	47.5	40	0.90	2.8	60	8,960	0.0221	1,100	985	1,330	250
K3G241000	1 x 1,000	53	40.00	5.5	53.5	40	0.90	3.0	67	11,040	0.0176	1,000	1,185	1,520	250

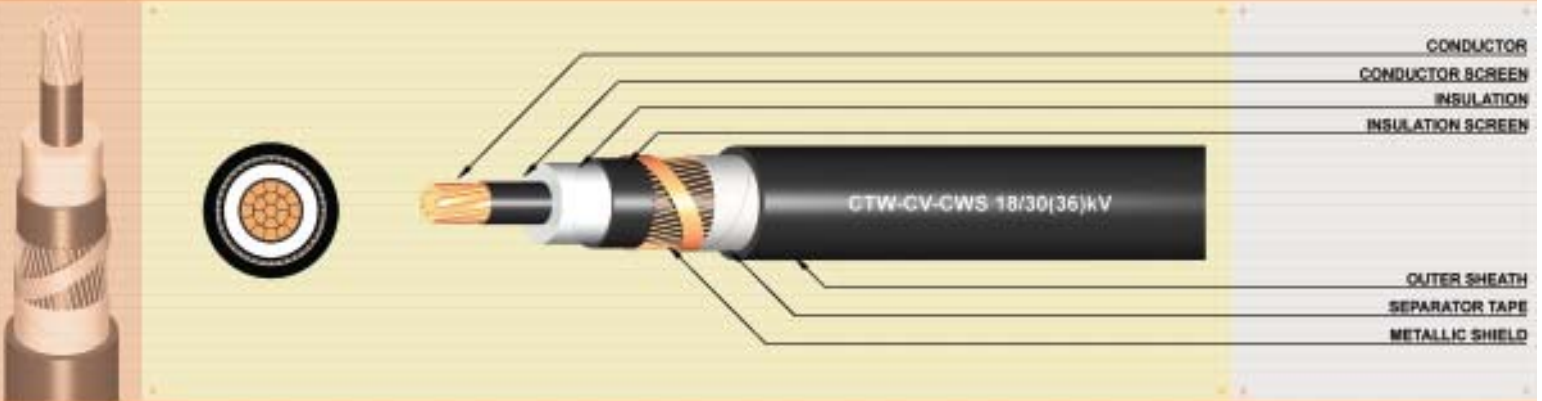
** Depth of laying in ground = 1 m, Rho = 1.2 °C m/watt, Spacing of cable = 2 x cable overall diameter
R = Packing in reel



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-CV-CWS SINGLE CORE CU/XLPE/CWS/PE 18/30 (36) kV

MEDIUM VOLTAGE CROSS-LINKED POLYETHYLENE CABLE, COPPER CONDUCTOR WITH COPPER WIRE SHIELD



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Compact round stranded annealed copper.	Preferably used for urban networks. Exposed in aerial, direct burial, conduit, open tray and underground duct installation.	Maximum Conductor Temperature 90 °C (Normal Operation)
Conductor Screen	Semi-conducting cross-linked polyethylene.		Maximum Conductor Temperature 250 °C (Short-circuit at 5s maximum duration)
Insulation	Cross-linked polyethylene. (XLPE)		
Insulation Screen	Semi-conducting cross-linked polyethylene.		
Metallic Shield	Annealed copper wire with copper contact tape.		
Separator Tape	Spunbond tape (Optional : water blocking tape)	IEC 60228 & IEC 60502-2 ** AC Test Voltage : 63 kV	NOTE A special FR-PVC or Low Smoke Halogen Free (LSHF) Flame retardant sheath can be supplied in accordance with IEC 60332-3.
Outer Sheath	Black Polyethylene (ST7) ; Optional : Polyvinyl chloride (ST2)		

Product code	Conductor			Thickness of insulation mm	Diameter over insulation (Approx.) mm	Copper wire shield		Thickness of outer sheath mm	Overall diameter (Approx.) mm	Cable weight (Approx.) kg/km	Maximum conductor resistance at 20°C Ω/km	Minimum insulation resistance at 20°C MΩ-km	Ampacities direct burial in ground at 30°C A	Allowable ampacities in free air at 40°C (ambient) A	Standard length m/R
	Nominal cross-sectional area core x mm ²	Minimum number of wire No./mm	Diameter (Approx.) mm			Number of wire	Diameter of wire mm								
K3I241050	1 x 50	6	8.33	8.0	26.0	20	0.80	2.0	36	1,280	0.387	4,000	200	235	1,000
K3I241070	1 x 70	12	9.73	8.0	27.5	20	0.80	2.1	38	1,230	0.268	3,600	250	290	1,000
K3I241095	1 x 95	15	11.45	8.0	29.0	20	0.80	2.2	40	1,830	0.193	3,300	295	360	1,000
K3I241120	1 x 120	18	12.95	8.0	30.5	20	0.80	2.2	41	2,110	0.153	3,000	335	415	500
K3I241150	1 x 150	18	14.27	8.0	32.0	25	0.90	2.3	43	2,490	0.124	2,800	375	470	500
K3I241185	1 x 185	30	15.98	8.0	34.0	25	0.90	2.3	45	2,880	0.0991	2,700	430	540	500
K3I241240	1 x 240	34	18.47	8.0	36.5	30	1.03	2.4	48	3,570	0.0754	2,400	495	635	500
K3I241300	1 x 300	34	20.68	8.0	38.5	30	1.03	2.5	51	4,210	0.0601	2,200	560	735	250
K3I241400	1 x 400	53	23.39	8.0	41.5	30	1.03	2.6	54	5,250	0.0470	2,000	640	845	250
K3I241500	1 x 500	53	26.67	8.0	45.0	30	1.03	2.7	58	6,300	0.0366	1,800	725	970	250
K3I241630	1 x 630	53	30.20	8.0	48.5	40	0.90	2.8	62	7,690	0.0283	1,600	820	1,125	250
K3I241800	1 x 800	53	34.00	8.0	52.5	40	0.90	3.0	66	9,450	0.0221	1,500	985	1,325	250
K3I2411000	1 x 1,000	53	40.00	8.0	58.5	40	0.90	3.2	73	11,570	0.0176	1,400	1,185	1,515	250

** Depth of laying in ground = 1 m, Rho = 1.2 °C m/watt, Spacing of cable = 2 x cable overall diameter