

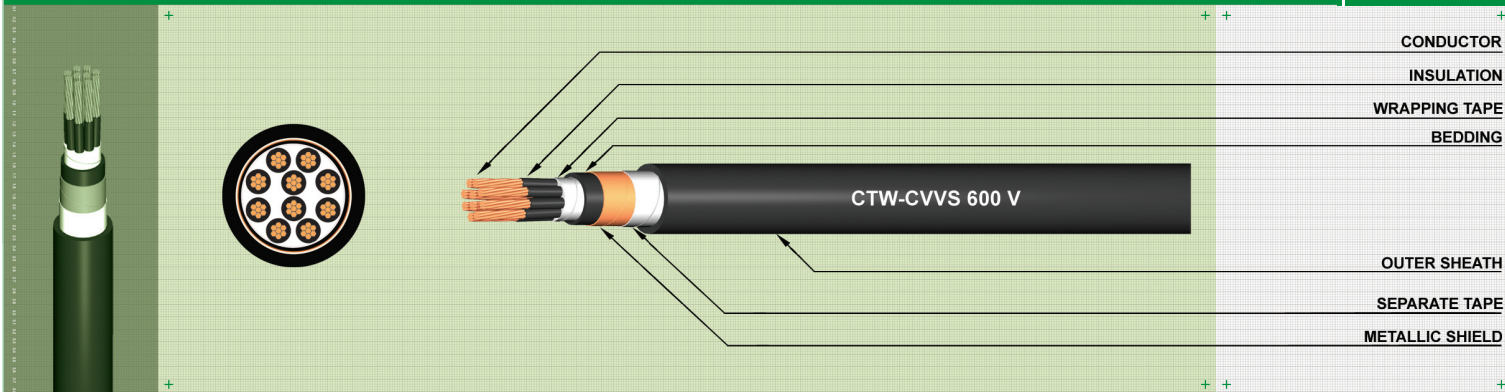


CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-CVVS 600 V(STRANDED CONDUCTOR)

: 600 V 75 °C PVC INSULATED AND SHEATHED CONTROL CABLE WITH SHIELD TAPE

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APPLICATION

Supervisory electrical equipment, station control circuits. Out door, suitable installation in the wet or dry cable trenches.

CONSTRUCTION

- Conductor : Concentric lay strand annealed copper conductor.
- Insulation : Polyvinyl chloride (PVC) : Black colour with marking number.
- Wrapping Tape : Polyester (Mylar) tape.
- Filler : PVC Rod and/or Polypropylene (Nonhygroscopic material).
- Wrapping Tape : Polyester (Mylar) tape.
- Bedding : Black polyvinyl chloride (PVC) .
- Metallic shield : Annealed copper tape.
- Separator Tape : Polyester (Mylar) tape.
- Outer Sheath : Black polyvinyl chloride (PVC) .

*** Colours sequence for circuit identification & other colours for outer sheath to special order.

REFERENCE STANDARD

ICEA S-61-402 (NEMA WC 5).
*Testing Voltage : 1.5, 3.0, 3.5 kV (By Conductor Size).

CLASSIFICATION

Maximum conductor temperature 75 °C,
Circuit voltage does not exceed 600 volts.

OPTIONAL

A Special FR-PVC flame retardant sheath can be supplied.

CTW - CVVS 600V (ICEA S-61-402)		Conductor			Thickness of Insulation	Thickness of bedding Sheath	Thickness of Outer Sheath	Overall diameter (Approx.)	Cable weight (Approx.)	Maximum conductor resistance at 20 °C	Minimum insulation resistance at 15.6 °C	Standard packing
		Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)								
PRODUCT CODE	No. of Core	mm ²	No. / mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m/R	
C22024005	2	0.5	7/0.30	0.90	0.76	1.14	1.14	11.5	160	36.0	272	1,000
C22024075		0.75	7/0.33	0.99	0.76	1.14	1.14	11.5	170	24.5	257	1,000
C22024001		1.0	7/0.40	1.20	0.76	1.14	1.14	12.5	180	18.1	228	1,000
C22024501		1.5	7/0.50	1.50	1.14	1.14	1.52	15.5	280	12.1	252	1,000
C22024502		2.5	7/0.67	2.01	1.14	1.14	1.52	16.5	340	7.41	209	1,000
C22024004		4	7/0.85	2.55	1.14	1.14	1.52	17.5	406	4.61	177	1,000
C22024006		6	7/1.04	3.12	1.14	1.14	1.52	19.0	480	3.08	153	1,000
C22024010		10	7/1.35	4.05	1.52	1.14	1.52	22.5	700	1.83	154	1,000
C22034005	3	0.5	7/0.30	0.90	0.76	1.14	1.14	12.0	180	36.0	272	1,000
C22034075		0.75	7/0.33	0.99	0.76	1.14	1.14	12.5	190	24.5	257	1,000
C22034001		1.0	7/0.40	1.20	0.76	1.14	1.14	12.5	210	18.1	228	1,000
C22034501		1.5	7/0.50	1.50	1.14	1.14	1.52	16.0	320	12.1	252	1,000
C22034502		2.5	7/0.67	2.01	1.14	1.14	1.52	17.0	390	7.41	209	1,000
C22034004		4	7/0.85	2.55	1.14	1.14	1.52	18.5	470	4.61	177	1,000
C22034006		6	7/1.04	3.12	1.14	1.14	1.52	20.0	570	3.08	153	1,000
C22034010		10	7/1.35	4.05	1.52	1.14	2.03	25.0	890	1.83	154	1,000



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW-CVVS 600 V(STRANDED CONDUCTOR)**

: 600 V 75°C PVC INSULATED AND SHEATHED CONTROL CABLE WITH SHIELD TAPE

CTW - CVVS 600V (ICEA S-61-402)		Conductor			Thickness of Insulation	Thickness of bedding Sheath	Thickness of Outer Sheath	Overall diameter (Approx.)	Cable weight (Approx.)	Maximum conductor resistance at 20 °C	Minimum insulation resistance at 15.6 °C	Standard packing
		Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)								
PRODUCT CODE	No. of Core	mm ²	No. / mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m/R	
C22044005	4	0.5	7/0.30	0.90	0.76	1.14	1.14	12.5	200	36.0	272	1,000
C22044075		0.75	7/0.33	0.99	0.76	1.14	1.14	13.0	210	24.5	257	1,000
C22044001		1.0	7/0.40	1.20	0.76	1.14	1.14	13.5	240	18.1	228	1,000
C22044501		1.5	7/0.50	1.50	1.14	1.14	1.52	17.0	370	12.1	252	1,000
C22044502		2.5	7/0.67	2.01	1.14	1.14	1.52	18.5	450	7.41	209	1,000
C22044004		4	7/0.85	2.55	1.14	1.14	1.52	20.0	560	4.61	177	1,000
C22044006		6	7/1.04	3.12	1.14	1.14	1.52	21.5	680	3.08	153	1,000
C22044010		10	7/1.35	4.05	1.52	1.14	2.03	27.0	1,080	1.83	154	1,000
C22054005	5	0.5	7/0.30	0.90	0.76	1.14	1.14	13.5	230	36.0	272	1,000
C22054075		0.75	7/0.33	0.99	0.76	1.14	1.14	14.0	240	24.5	257	1,000
C22054001		1.0	7/0.40	1.20	0.76	1.14	1.52	15.5	290	18.1	228	1,000
C22054501		1.5	7/0.50	1.50	1.14	1.14	1.52	18.5	420	12.1	252	1,000
C22054502		2.5	7/0.67	2.01	1.14	1.14	1.52	20.0	520	7.41	209	1,000
C22054004		4	7/0.85	2.55	1.14	1.14	1.52	21.5	640	4.61	177	1,000
C22054006		6	7/1.04	3.12	1.14	1.14	2.03	24.5	840	3.08	153	1,000
C22054010		10	7/1.35	4.05	1.52	1.14	2.03	29.5	1,250	1.83	154	1,000
C22064005	6	0.5	7/0.30	0.90	0.76	1.14	1.52	15.5	280	36.0	272	1,000
C22064075		0.75	7/0.33	0.99	0.76	1.14	1.52	15.5	300	24.5	257	1,000
C22064001		1.0	7/0.40	1.20	0.76	1.14	1.52	16.5	330	18.1	228	1,000
C22064501		1.5	7/0.50	1.50	1.14	1.14	1.52	20.0	480	12.1	252	1,000
C22064502		2.5	7/0.67	2.01	1.14	1.14	1.52	21.5	600	7.41	209	1,000
C22064004		4	7/0.85	2.55	1.14	1.14	2.03	24.5	800	4.61	177	1,000
C22064006		6	7/1.04	3.12	1.14	1.14	2.03	26.5	980	3.08	153	1,000
C22064010		10	7/1.35	4.05	1.52	1.14	2.03	32.0	1,480	1.83	154	1,000
C22074005	7	0.5	7/0.30	0.90	0.76	1.14	1.52	15.5	290	36.0	272	1,000
C22074075		0.75	7/0.33	0.99	0.76	1.14	1.52	15.5	300	24.5	257	1,000
C22074001		1.0	7/0.40	1.20	0.76	1.14	1.52	16.5	340	18.1	228	1,000
C22074501		1.5	7/0.50	1.50	1.14	1.14	1.52	20.0	490	12.1	252	1,000
C22074502		2.5	7/0.67	2.01	1.14	1.14	1.52	21.5	620	7.41	209	1,000
C22074004		4	7/0.85	2.55	1.14	1.14	2.03	24.5	830	4.61	177	1,000
C22074006		6	7/1.04	3.12	1.14	1.14	2.03	26.5	1,030	3.08	153	1,000
C22074010		10	7/1.35	4.05	1.52	1.14	2.03	32.0	1,560	1.83	154	1,000



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-CVVS 600 V (STRANDED CONDUCTOR)

: 600 V 75°C PVC INSULATED AND SHEATHED CONTROL CABLE WITH SHIELD TAPE

CTW - CVVS 600V (ICEA S-61-402)		Conductor			Thickness of Insulation	Thickness of bedding Sheath	Thickness of Outer Sheath	Overall diameter (Approx.)	Cable weight (Approx.)	Maximum conductor resistance at 20 °C	Minimum insulation resistance at 15.6 °C	Standard packing
		Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)								
PRODUCT CODE	No. of Core	mm ²	No. / mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m/R	
C22084005	8	0.5	7/0.30	0.90	0.76	1.14	1.52	16.5	320	36.0	272	1,000
C22084075		0.75	7/0.33	0.99	0.76	1.14	1.52	16.5	340	24.5	257	1,000
C22084001		1.0	7/0.40	1.20	0.76	1.14	1.52	17.5	380	18.1	228	1,000
C22084501		1.5	7/0.50	1.50	1.14	1.14	1.52	21.5	560	12.1	252	1,000
C22084502		2.5	7/0.67	2.01	1.14	1.14	2.03	24.0	750	7.41	209	1,000
C22084004		4	7/0.85	2.55	1.14	1.14	2.03	26.0	940	4.61	177	1,000
C22084006		6	7/1.04	3.12	1.14	1.14	2.03	28.0	1,170	3.08	153	1,000
C22084010		10	7/1.35	4.05	1.52	1.14	2.03	34.5	1,780	1.83	154	1,000
C22094005	9	0.5	7/0.30	0.90	0.76	1.14	1.52	17	350	36.0	272	1,000
C22094075		0.75	7/0.33	0.99	0.76	1.14	1.52	17.5	370	24.5	257	1,000
C22094001		1.0	7/0.40	1.20	0.76	1.14	1.52	18.5	420	18.1	228	1,000
C22094501		1.5	7/0.50	1.50	1.14	1.14	2.03	22.5	620	12.1	252	1,000
C22094502		2.5	7/0.67	2.01	1.14	1.14	2.03	25.5	840	7.41	209	1,000
C22094004		4	7/0.85	2.55	1.14	1.14	2.03	28.0	1,050	4.61	177	1,000
C22094006		6	7/1.04	3.12	1.14	1.14	2.03	30.0	1,310	3.08	153	1,000
C22094010		10	7/1.35	4.05	1.52	1.14	2.03	37.0	2,000	1.83	154	1,000
C22104005	10	0.5	7/0.30	0.90	0.76	1.14	1.52	18.5	390	36.0	272	1,000
C22104075		0.75	7/0.33	0.99	0.76	1.14	1.52	18.5	410	24.5	257	1,000
C22104001		1.0	7/0.40	1.20	0.76	1.14	1.52	19.5	470	18.1	223	1,000
C22104501		1.5	7/0.50	1.50	1.14	1.14	2.03	25.5	750	12.1	252	1,000
C22104502		2.5	7/0.67	2.01	1.14	1.14	2.03	27.5	940	7.41	209	1,000
C22104004		4	7/0.85	2.55	1.14	1.14	2.03	30.0	1,180	4.61	177	1,000
C22104006		6	7/1.04	3.12	1.14	1.14	2.03	32.5	1,470	3.08	153	1,000
C22104010		10	7/1.35	4.05	1.52	1.14	2.03	40.0	2,260	1.83	154	500
C22114005	11	0.5	7/0.30	0.90	0.76	1.14	1.52	18.5	400	36.0	272	1,000
C22114075		0.75	7/0.33	0.99	0.76	1.14	1.52	18.5	420	24.5	257	1,000
C22114001		1.0	7/0.40	1.20	0.76	1.14	1.52	19.5	480	18.1	228	1,000
C22114501		1.5	7/0.50	1.50	1.14	1.14	2.03	25.5	770	12.1	252	1,000
C22114502		2.5	7/0.67	2.01	1.14	1.14	2.03	27.5	980	7.41	209	1,000
C22114004		4	7/0.85	2.55	1.14	1.14	2.03	30.0	1,240	4.61	177	1,000
C22114006		6	7/1.04	3.12	1.14	1.14	2.03	32.5	1,550	3.08	153	1,000
C22114010		10	7/1.35	4.05	1.52	1.14	2.03	39.5	2,380	1.83	154	500



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-CVVS 600 V (STRANDED CONDUCTOR)

: 600 V 75°C PVC INSULATED AND SHEATHED CONTROL CABLE WITH SHIELD TAPE

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CTW - CVVS 600V (ICEA S-61-402)		Conductor			Thickness of Insulation	Thickness of bedding Sheath	Thickness of Outer Sheath	Overall diameter (Approx.)	Cable weight (Approx.)	Maximum conductor resistance at 20 °C	Minimum insulation resistance at 15.6 °C	Standard packing
		Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)								
PRODUCT CODE	No. of Core	mm ²	No. / mm	mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m/R
C22124005	12	0.5	7/0.30	0.90	0.76	1.14	1.52	18.5	420	36.0	272	1,000
C22124075		0.75	7/0.33	0.99	0.76	1.14	1.52	19.0	440	24.5	257	1,000
C22124001		1.0	7/0.40	1.20	0.76	1.14	1.52	20.0	510	18.1	228	1,000
C22124501		1.5	7/0.50	1.50	1.14	1.14	2.03	26.0	820	12.1	252	1,000
C22124502		2.5	7/0.67	2.01	1.14	1.14	2.03	28.5	1,040	7.41	209	1,000
C22124004		4	7/0.85	2.55	1.14	1.14	2.03	31.0	1,310	4.61	177	1,000
C22124006		6	7/1.04	3.12	1.14	1.14	2.03	33.5	1,650	3.08	153	1,000
C22124010		10	7/1.35	4.05	1.52	1.14	2.03	41.0	2,550	1.83	154	500
C22134005	13	0.5	7/0.30	0.90	0.76	1.14	1.52	19	430	36.0	272	1,000
C22134075		0.75	7/0.33	0.99	0.76	1.14	1.52	19.5	460	24.5	257	1,000
C22134001		1.0	7/0.40	1.20	0.76	1.14	1.52	20.5	530	18.1	228	1,000
C22134501		1.5	7/0.50	1.50	1.14	1.14	2.03	26.5	850	12.1	252	1,000
C22134502		2.5	7/0.67	2.01	1.14	1.14	2.03	29.0	1,090	7.41	209	1,000
C22134004		4	7/0.85	2.55	1.14	1.14	2.03	31.5	1,380	4.61	177	1,000
C22134006		6	7/1.04	3.12	1.14	1.14	2.03	34.0	1,740	3.08	153	1,000
C22134010		10	7/1.35	4.05	1.52	1.14	2.03	42.0	2,700	1.83	154	500
C22144005	14	0.5	7/0.30	0.90	0.76	1.14	1.52	19.5	460	36.0	272	1,000
C22144075		0.75	7/0.33	0.99	0.76	1.14	1.52	20.0	490	24.5	257	1,000
C22144001		1.0	7/0.40	1.20	0.76	1.14	1.52	21.0	560	18.1	228	1,000
C22144501		1.5	7/0.50	1.50	1.14	1.14	2.03	27.0	900	12.1	252	1,000
C22144502		2.5	7/0.67	2.01	1.14	1.14	2.03	30.0	1,160	7.41	209	1,000
C22144004		4	7/0.85	2.55	1.14	1.14	2.03	32.5	1,470	4.61	177	1,000
C22144006		6	7/1.04	3.12	1.14	1.14	2.03	35.0	1,860	3.08	153	1,000
C22144010		10	7/1.35	4.05	1.52	1.14	2.03	43.5	2,890	1.83	154	500
C22154005	15	0.5	7/0.30	0.90	0.76	1.14	1.52	20.0	480	36.0	272	1,000
C22154075		0.75	7/0.33	0.99	0.76	1.14	1.52	20.5	510	24.5	257	1,000
C22154001		1.0	7/0.40	1.20	0.76	1.14	1.52	21.5	590	18.1	228	1,000
C22154501		1.5	7/0.50	1.50	1.14	1.14	2.03	28.0	950	12.1	252	1,000
C22154502		2.5	7/0.67	2.01	1.14	1.14	2.03	30.5	1,210	7.41	209	1,000
C22154004		4	7/0.85	2.55	1.14	1.14	2.03	33.0	1,550	4.61	177	1,000
C22154006		6	7/1.04	3.12	1.14	1.14	2.03	36.0	1,960	3.08	153	1,000
C22154010		10	7/1.35	4.05	1.52	1.14	2.03	44.5	3,060	1.83	154	500



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

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: 600 V 75°C PVC INSULATED AND SHEATHED CONTROL CABLE WITH SHIELD TAPE

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CTW - CVVS 600V (ICEA S-61-402)		Conductor			Thickness of Insulation	Thickness of bedding Sheath	Thickness of Outer Sheath	Overall diameter (Approx.)	Cable weight (Approx.)	Maximum conductor resistance at 20 °C	Minimum insulation resistance at 15.6 °C	Standard packing
		Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)								
PRODUCT CODE	No. of Core	mm ²	No. / mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m/R	
C22164005	16	0.5	7/0.30	0.90	0.76	1.14	1.52	20.5	500	36.0	272	1,000
C22164075		0.75	7/0.33	0.99	0.76	1.14	1.52	21.0	530	24.5	257	1,000
C22164001		1.0	7/0.40	1.20	0.76	1.14	1.52	22.0	610	18.1	228	1,000
C22164501		1.5	7/0.50	1.50	1.14	1.14	2.03	28.5	990	12.1	252	1,000
C22164502		2.5	7/0.67	2.01	1.14	1.14	2.03	31.0	1,270	7.41	209	1,000
C22164004		4	7/0.85	2.55	1.14	1.14	2.03	34.0	1,630	4.61	177	1,000
C22164006		6	7/1.04	3.12	1.14	1.14	2.03	37.0	2,060	3.08	153	1,000
C22164010		10	7/1.35	4.05	1.52	1.14	2.03	45.5	3,210	1.83	154	500
C22174005	17	0.5	7/0.30	0.90	0.76	1.14	1.52	21.0	520	36.0	272	1,000
C22174075		0.75	7/0.33	0.99	0.76	1.14	1.52	21.5	550	24.5	257	1,000
C22174001		1.0	7/0.40	1.20	0.76	1.14	1.52	22.5	640	18.1	228	1,000
C22174501		1.5	7/0.50	1.50	1.14	1.14	2.03	29.5	1,040	12.1	252	1,000
C22174502		2.5	7/0.67	2.01	1.14	1.14	2.03	32.0	1,330	7.41	209	1,000
C22174004		4	7/0.85	2.55	1.14	1.14	2.03	35.0	1,710	4.61	177	1,000
C22174006		6	7/1.04	3.12	1.14	1.14	2.03	38.0	2,170	3.08	153	1,000
C22174010		10	7/1.35	4.05	1.52	1.14	2.79	48.5	3,550	1.83	154	500
C22184005	18	0.5	7/0.30	0.90	0.76	1.14	1.52	21.5	540	36.0	272	1,000
C22184075		0.75	7/0.33	0.99	0.76	1.14	1.52	22.0	580	24.5	257	1,000
C22184001		1.0	7/0.40	1.20	0.76	1.14	1.52	23.0	670	18.1	228	1,000
C22184501		1.5	7/0.50	1.50	1.14	1.14	2.03	30.0	1,090	12.1	252	1,000
C22184502		2.5	7/0.67	2.01	1.14	1.14	2.03	32.5	1,410	7.41	209	1,000
C22184004		4	7/0.85	2.55	1.14	1.14	2.03	35.5	1,800	4.61	177	1,000
C22184006		6	7/1.04	3.12	1.14	1.14	2.03	39.0	2,290	3.08	153	500
C22184010		10	7/1.35	4.05	1.52	1.14	2.79	50.0	3,750	1.83	154	500
C22194005	19	0.5	7/0.30	0.90	0.76	1.14	1.52	21.5	550	36.0	272	1,000
C22194075		0.75	7/0.33	0.99	0.76	1.14	1.52	22.0	580	24.5	257	1,000
C22194001		1.0	7/0.40	1.20	0.76	1.14	1.52	23.0	680	18.1	228	1,000
C22194501		1.5	7/0.50	1.50	1.14	1.14	2.03	30.0	1,100	12.1	252	1,000
C22194502		2.5	7/0.67	2.01	1.14	1.14	2.03	32.5	1,430	7.41	209	1,000
C22194004		4	7/0.85	2.55	1.14	1.14	2.03	35.5	1,840	4.61	177	1,000
C22194006		6	7/1.04	3.12	1.14	1.14	2.03	39.0	2,340	3.08	153	500
C22194010		10	7/1.35	4.05	1.52	1.14	2.79	50.0	3,830	1.83	154	500



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-CVVS 600 V (STRANDED CONDUCTOR)

: 600 V 75°C PVC INSULATED AND SHEATHED CONTROL CABLE WITH SHIELD TAPE

CTW - CVVS 600V (ICEA S-61-402)		Conductor			Thickness of Insulation	Thickness of bedding Sheath	Thickness of Outer Sheath	Overall diameter (Approx.)	Cable weight (Approx.)	Maximum conductor resistance at 20 °C	Minimum insulation resistance at 15.6 °C	Standard packing
		Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)								
PRODUCT CODE	No. of Core	mm ²	No. / mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m/R	
C22204005	20	0.5	7/0.30	0.90	0.76	1.14	1.52	22.0	570	36.0	272	1,000
C22204075		0.75	7/0.33	0.99	0.76	1.14	1.52	22.5	610	24.5	257	1,000
C22204001		1.0	7/0.40	1.20	0.76	1.14	2.03	24.5	760	18.1	228	1,000
C22204501		1.5	7/0.50	1.50	1.14	1.14	2.03	30.5	1,150	12.1	252	1,000
C22204502		2.5	7/0.67	2.01	1.14	1.14	2.03	33.5	1,490	7.41	209	1,000
C22204004		4	7/0.85	2.55	1.14	1.14	2.03	36.5	1,920	4.61	177	1,000
C22204006		6	7/1.04	3.12	1.14	1.14	2.03	39.5	2,450	3.08	153	500
C22204010		10	7/1.35	4.05	1.52	1.14	2.79	51.0	4,020	1.83	154	500
C22214005	21	0.5	7/0.30	0.90	0.76	1.14	1.52	22.0	590	36.0	272	1,000
C22214075		0.75	7/0.33	0.99	0.76	1.14	1.52	22.5	630	24.5	257	1,000
C22214001		1.0	7/0.40	1.20	0.76	1.14	2.03	25.0	790	18.1	228	1,000
C22214501		1.5	7/0.50	1.50	1.14	1.14	2.03	31.0	1,190	12.1	252	1,000
C22214502		2.5	7/0.67	2.01	1.14	1.14	2.03	34.0	1,550	7.41	209	1,000
C22214004		4	7/0.85	2.55	1.14	1.14	2.03	37.5	2,010	4.61	177	1,000
C22214006		6	7/1.04	3.12	1.14	1.14	2.03	40.5	2,560	3.08	153	500
C22214010		10	7/1.35	4.05	1.52	1.14	2.79	52.0	4,190	1.83	154	500
C22224005	22	0.5	7/0.30	0.90	0.76	1.14	1.52	22.5	620	36.0	272	1,000
C22224075		0.75	7/0.33	0.99	0.76	1.14	2.03	24.5	710	24.5	257	1,000
C22224001		1.0	7/0.40	1.20	0.76	1.14	2.03	25.5	820	18.1	228	1,000
C22224501		1.5	7/0.50	1.50	1.14	1.14	2.03	32.0	1,240	12.1	252	1,000
C22224502		2.5	7/0.67	2.01	1.14	1.14	2.03	35.0	1,620	7.41	209	1,000
C22224004		4	7/0.85	2.55	1.14	1.14	2.03	38.5	2,100	4.61	177	1,000
C22224006		6	7/1.04	3.12	1.14	1.14	2.03	42.0	2,680	3.08	153	500
C22224010		10	7/1.35	4.05	1.52	1.14	2.79	54.0	4,390	1.83	154	500
C22234005	23	0.5	7/0.30	0.90	0.76	1.14	2.03	24.0	690	36.0	272	1,000
C22234075		0.75	7/0.33	0.99	0.76	1.14	2.03	24.5	730	24.5	257	1,000
C22234001		1.0	7/0.40	1.20	0.76	1.14	2.03	26.0	850	18.1	228	1,000
C22234501		1.5	7/0.50	1.50	1.14	1.14	2.03	32.5	1,290	12.1	252	1,000
C22234502		2.5	7/0.67	2.01	1.14	1.14	2.03	35.5	1,680	7.41	209	1,000
C22234004		4	7/0.85	2.55	1.14	1.14	2.03	39.0	2,170	4.61	177	500
C22234006		6	7/1.04	3.12	1.14	1.14	2.03	42.5	2,780	3.08	153	500
C22234010		10	7/1.35	4.05	1.52	1.14	2.79	55.0	4,560	1.83	154	500



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW-CVVS 600 V (STRANDED CONDUCTOR)**

: 600 V 75°C PVC INSULATED AND SHEATHED CONTROL CABLE WITH SHIELD TAPE

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CTW - CVVS 600V (ICEA S-61-402)		Conductor			Thickness of Insulation	Thickness of bedding Sheath	Thickness of Outer Sheath	Overall diameter (Approx.)	Cable weight (Approx.)	Maximum conductor resistance at 20 °C	Minimum insulation resistance at 15.6 °C	Standard packing
		Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)								
PRODUCT CODE	No. of Core	mm ²	No. / mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m/R	
C22244005	24	0.5	7/0.30	0.90	0.76	1.14	2.03	25.5	740	36.0	272	1,000
C22244075		0.75	7/0.33	0.99	0.76	1.14	2.03	26.0	780	24.5	257	1,000
C22244001		1.0	7/0.40	1.20	0.76	1.14	2.03	27.5	900	18.1	228	1,000
C22244501		1.5	7/0.50	1.50	1.14	1.14	2.03	34.5	1,380	12.1	252	1,000
C22244502		2.5	7/0.67	2.01	1.14	1.14	2.03	37.5	1,800	7.41	209	1,000
C22244004		4	7/0.85	2.55	1.14	1.14	2.03	41.0	2,330	4.61	177	500
C22244006		6	7/1.04	3.12	1.14	1.14	2.03	45.0	2,980	3.08	153	500
C22244010		10	7/1.35	4.05	1.52	1.14	2.79	58.0	4,880	1.83	154	500
C22254005	25	0.5	7/0.30	0.90	0.76	1.14	2.03	25.5	750	36.0	272	1,000
C22254075		0.75	7/0.33	0.99	0.76	1.14	2.03	26.0	800	24.5	257	1,000
C22254001		1.0	7/0.40	1.20	0.76	1.14	2.03	27.5	920	18.1	228	1,000
C22254501		1.5	7/0.50	1.50	1.14	1.14	2.03	34.5	1,410	12.1	252	1,000
C22254502		2.5	7/0.67	2.01	1.14	1.14	2.03	37.5	1,840	7.41	209	1,000
C22254004		4	7/0.85	2.55	1.14	1.14	2.03	41.0	2,380	4.61	177	500
C22254006		6	7/1.04	3.12	1.14	1.14	2.03	45.0	3,050	3.08	153	500
C22254010		10	7/1.35	4.05	1.52	1.14	2.79	58.0	5,010	1.83	154	500
C22264005	26	0.5	7/0.30	0.90	0.76	1.14	2.03	25.5	760	36.0	272	1,000
C22264075		0.75	7/0.33	0.99	0.76	1.14	2.03	26.0	810	24.5	257	1,000
C22264001		1.0	7/0.40	1.20	0.76	1.14	2.03	27.5	930	18.1	228	1,000
C22264501		1.5	7/0.50	1.50	1.14	1.14	2.03	34.5	1,430	12.1	252	1,000
C22264502		2.5	7/0.67	2.01	1.14	1.14	2.03	37.5	1,880	7.41	209	1,000
C22264004		4	7/0.85	2.55	1.14	1.14	2.03	41.0	2,440	4.61	177	500
C22264006		6	7/1.04	3.12	1.14	1.14	2.03	45.0	3,130	3.08	153	500
C22264010		10	7/1.35	4.05	1.52	1.14	2.79	58.0	5,140	1.83	154	500
C22274005	27	0.5	7/0.30	0.90	0.76	1.14	2.03	25.5	780	36.0	272	1,000
C22274075		0.75	7/0.33	0.99	0.76	1.14	2.03	26.5	830	24.5	257	1,000
C22274001		1.0	7/0.40	1.20	0.76	1.14	2.03	28.0	960	18.1	228	1,000
C22274501		1.5	7/0.50	1.50	1.14	1.14	2.03	35.0	1,480	12.1	252	1,000
C22274502		2.5	7/0.67	2.01	1.14	1.14	2.03	38.5	1,940	7.41	209	1,000
C22274004		4	7/0.85	2.55	1.14	1.14	2.03	42.0	2,520	4.61	177	500
C22274006		6	7/1.04	3.12	1.14	1.14	2.79	46.0	3,230	3.08	153	500
C22274010		10	7/1.35	4.05	1.52	1.14	2.79	59.0	5,310	1.83	154	500



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW-CVVS 600 V (STRANDED CONDUCTOR)**

: 600 V 75°C PVC INSULATED AND SHEATHED CONTROL CABLE WITH SHIELD TAPE

CTW - CVVS 600V (ICEA S-61-402)		Conductor			Thickness of Insulation	Thickness of bedding Sheath	Thickness of Outer Sheath	Overall diameter (Approx.)	Cable weight (Approx.)	Maximum conductor resistance at 20 °C	Minimum insulation resistance at 15.6 °C	Standard packing
		Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)								
PRODUCT CODE	No. of Core	mm ²	No. / mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m/R	
C22284005	28	0.5	7/0.30	0.90	0.76	1.14	2.03	26.0	790	36.0	272	1,000
C22284075		0.75	7/0.33	0.99	0.76	1.14	2.03	28.0	840	24.5	257	1,000
C22284001		1.0	7/0.40	1.20	0.76	1.14	2.03	28.0	980	18.1	228	1,000
C22284501		1.5	7/0.50	1.50	1.14	1.14	2.03	35.0	1,510	12.1	252	1,000
C22284502		2.5	7/0.67	2.01	1.14	1.14	2.03	38.5	1,980	7.41	209	1,000
C22284004		4	7/0.85	2.55	1.14	1.14	2.03	42.0	2,580	4.61	177	500
C22284006		6	7/1.04	3.12	1.14	1.14	2.03	46.0	3,310	3.08	153	500
C22284010		10	7/1.35	4.05	1.52	1.14	2.79	59.0	5,440	1.83	154	500
C22294005	29	0.5	7/0.30	0.90	0.76	1.14	2.03	26.0	810	36.0	272	1,000
C22294075		0.75	7/0.33	0.99	0.76	1.14	2.03	26.5	860	24.5	257	1,000
C22294001		1.0	7/0.40	1.20	0.76	1.14	2.03	28.0	1,000	18.1	228	1,000
C22294501		1.5	7/0.50	1.50	1.14	1.14	2.03	35.5	1,540	12.1	252	1,000
C22294502		2.5	7/0.67	2.01	1.14	1.14	2.03	39.0	2,030	7.41	209	1,000
C22294004		4	7/0.85	2.55	1.14	1.14	2.03	42.5	2,650	4.61	177	500
C22294006		6	7/1.04	3.12	1.14	1.14	2.79	48.0	3,560	3.08	153	500
C22294010		10	7/1.35	4.05	1.52	1.14	2.79	59.5	5,600	1.83	154	500
C22304005	30	0.5	7/0.30	0.90	0.76	1.14	2.03	26.5	830	36.0	272	1,000
C22304075		0.75	7/0.33	0.99	0.76	1.14	2.03	27.0	890	24.5	257	1,000
C22304001		1.0	7/0.40	1.20	0.76	1.14	2.03	28.5	1,030	18.1	228	1,000
C22304501		1.5	7/0.50	1.50	1.14	1.14	2.03	36.0	1,590	12.1	252	1,000
C22304502		2.5	7/0.67	2.01	1.14	1.14	2.03	40.0	2,094	7.41	209	1,000
C22304004		4	7/0.85	2.55	1.14	1.14	2.03	43.5	2,730	4.61	177	500
C22304006		6	7/1.04	3.12	1.14	1.14	2.79	49.5	3,670	3.08	153	500
C22304010		10	7/1.35	4.05	1.52	1.14	2.79	61.0	5,770	1.83	154	500