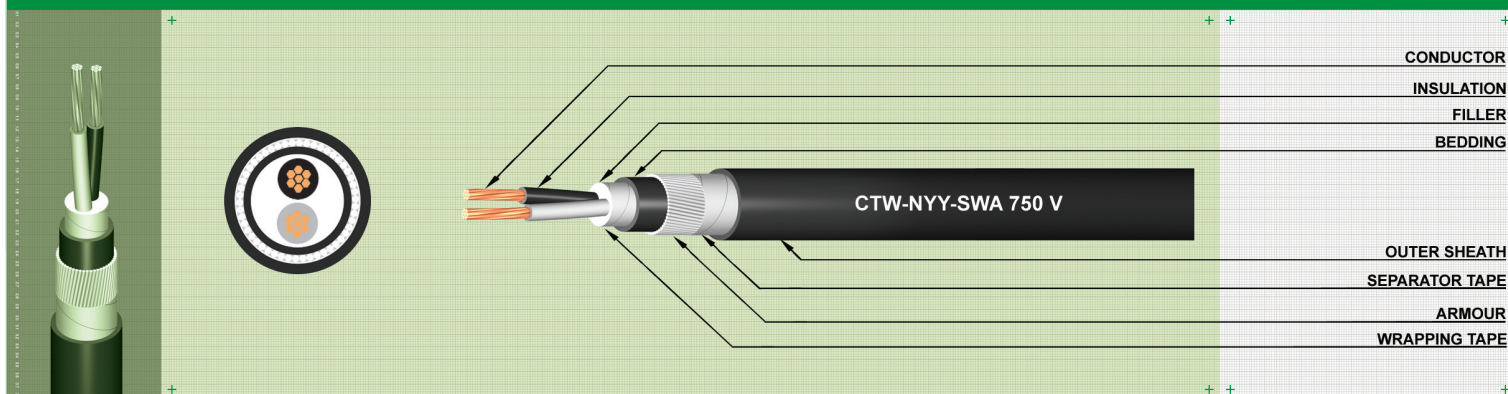




CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-NYY-SWA 750 V

: 750 V 70°C PVC INSULATED AND DOUBLE SHEATH CABLE WITH GALVANIZED STEEL WIRES ARMOUR



APPLICATION

For install exposed, or in raceway, wet or dry locatiion, or direct burial ground

CONSTRUCTION

Conductor : Concentric stranded annealed copper wire
 Insulation : Polyvinyl chloride (PVC)
 (Light gray, Black)
 Inner Sheath : Black polyvinyl chloride (PVC)
 Armour : Galvanized steel wires
 Outer Sheath : Black polyvinyl chloride (PVC)

REFERENCE STANDARD

Applied TIS 11-2531
 * Testing Voltage : 2,500 Volts.

CLASSIFICATION

Maximum conductor temperature 70°C,
 Circuit voltage dose not exceed 750 volts.

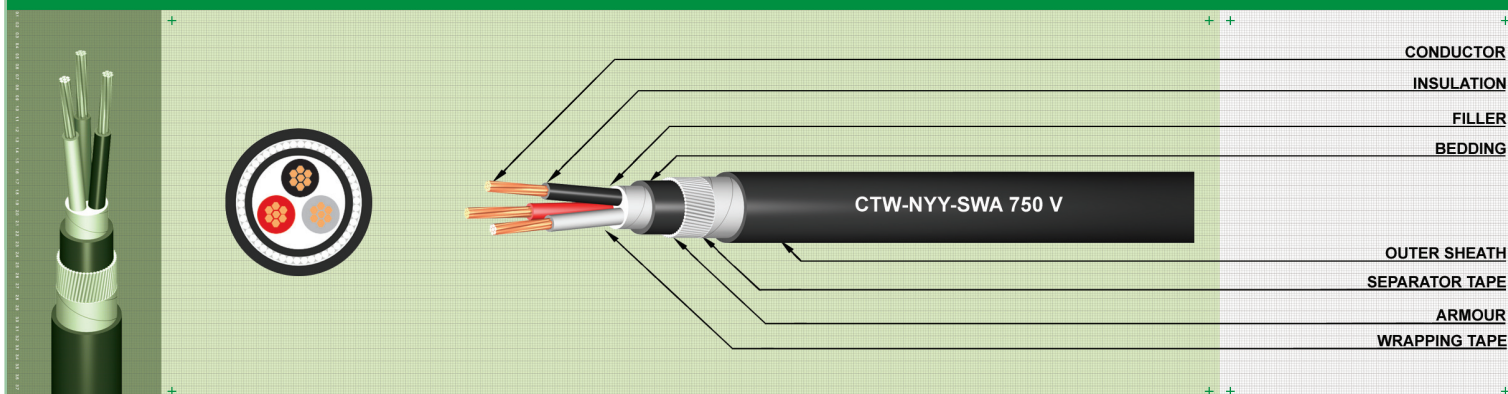
CTW-NYY-SWA PRODUCT CODE	Conductor			Thickness of Insulation	Thickness of inner Sheath	Diameter of steel wire armour	Thickness of Outer Sheath	Overall diameter (Approx.)	Ampacities direct burial in Free Air at 40° C	Maximum conductor resistance at 20° C	Minimum insulation resistance at 20° C	Cable weight (Approx.)	Standard packing
	Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)										
	core x mm ²	No. / mm	mm										
CA3021001	2 x 1.0	1/1.13	1.13	0.8	0.8	0.80	1.8	13.5	22	18.1	0.0141	300	500
CA3024001	2 x 1.0	7/0.40	1.2	0.8	0.8	0.80	1.8	13.5	22	18.1	0.135	300	500
CA3021501	2 x 1.5	1/3.80	1.13	0.8	0.8	0.80	1.8	14.0	27	12.1	0.123	330	500
CA3024501	2 x 1.5	7/0.50	1.50	0.8	0.8	0.80	1.8	14.0	27	12.1	0.0116	330	500
CA3021502	2 x 2.5	1/1.78	1.78	0.8	0.8	0.80	1.8	15.0	36	7.41	0.0102	380	500
CA3024502	2 x 2.5	7/0.67	2.01	0.8	0.8	0.80	1.8	15.5	36	7.41	0.0093	400	500
CA3021004	2 x 4	1/2.25	2.25	0.8	0.8	0.80	1.8	16.5	47	4.61	0.0094	460	500
CA3024004	2 x 4	7/0.85	2.55	0.9	0.8	1.25	1.8	18.0	47	4.61	0.0085	600	500
CA3024006	2 x 6	7/1.04	3.12	0.9	0.8	1.25	1.8	19.0	61	3.08	0.0073	700	500
CA3024010	2 x10	7/1.35	4.05	1.1	0.8	1.25	1.8	22.0	82	1.83	0.0069	950	500
CA3024016	2 x16	7/1.70	5.10	1.1	0.8	1.60	2.0	25.0	107	1.15	0.0057	1,300	500
CA3024025	2 x 25	7/2.14	6.42	1.3	1.2	2.00	2.0	30.0	138	0.727	0.0054	2,000	500
CA3024035	2 x 35	19/1.53	7.65	1.3	1.2	2.00	2.0	32.0	168	0.524	0.0047	2,400	500
CA3024050	2 x 50	19/1.78	8.90	1.5	1.2	2.00	2.2	37.0	199	0.387	0.0046	3,100	500
CA3024070	2 x 70	19/2.14	10.70	1.5	1.5	2.00	2.2	41.0	234	0.268	0.0039	3,800	500
CA3024095	2 x 95	19/2.52	12.60	1.7	1.5	2.50	2.2	47.0	294	0.193	0.0038	5,000	500
CA3024120	2 x 120	37/2.03	14.21	1.7	1.5	2.50	2.4	50.0	336	0.153	0.0034	6,000	500
CA3024150	2 x 150	37/2.25	15.75	1.9	1.8	2.50	2.6	55.0	375	0.124	0.0034	7,000	500
CA3024185	2 x185	37/2.52	17.64	2.1	1.8	2.50	2.8	61.0	424	0.0991	0.0034	8,500	300
CA3024240	2 x 240	61/2.25	20.25	2.3	2.0	2.50	3.0	68.0	489	0.0754	0.0033	10,500	300
CA3024300	2 x 300	61/2.52	22.68	2.5	2.0	3.15	3.2	75.0	553	0.0601	0.0032	13,500	200



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-NYY-SWA 750 V

: 750 V 70°C PVC INSULATED AND DOUBLE SHEATH CABLE WITH GALVANIZED STEEL WIRES ARMOUR



APPLICATION

For install exposed, or in raceway, wet or dry locatiion, or direct burial ground

CONSTRUCTION

Conductor : Concentric stranded annealed copper wire
 Insulation : Polyvinyl chloride (PVC)
 (Light gray, Black, Red)
 Inner Sheath : Black polyvinyl chloride (PVC)
 Armour : Galvanized steel wires
 Outer Sheath : Black polyvinyl chloride (PVC)

REFERENCE STANDARD

Applied TIS 11-2531
 * Testing Voltage : 2,500 Volts.

CLASSIFICATION

Maximum conductor temperature 70°C,
 Circuit voltage dose not exceed 750 volts.

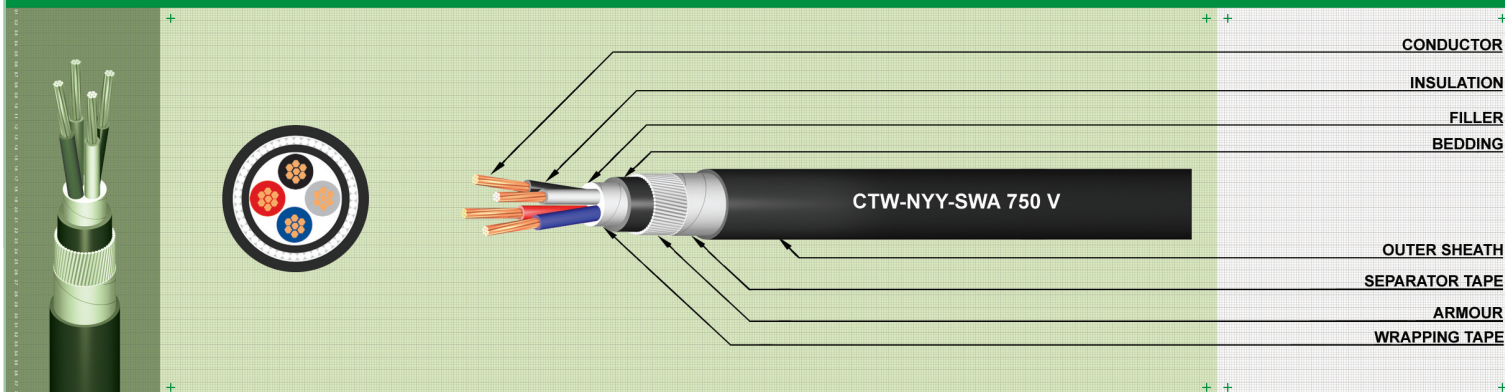
CTW-NYY-SWA PRODUCT CODE	Conductor			Thickness of Insulation	Thickness of inner Sheath	Diameter of steel wire armour	Thickness of Outer Sheath	Overall diameter (Approx.)	Ampacities direct burial in Free Air at 40° C	Maximum conductor resistance at 20° C	Minimum insulation resistance at 20° C	Cable weight (Approx.)	Standard packing
	Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)										
	core x mm ²	No. / mm	mm										
CA3031001	3 x 1.0	1/1.13	1.13	0.8	0.8	0.80	1.8	14.0	18	18.1	0.0141	330	500
CA3034001	3 x 1.0	7/0.40	1.2	0.8	0.8	0.80	1.8	14.0	18	18.1	0.0135	330	500
CA3031501	3 x 1.5	1/3.80	1.13	0.8	0.8	0.80	1.8	14.5	23	12.1	0.0123	360	500
CA3034501	3 x 1.5	7/0.50	1.50	0.8	0.8	0.80	1.8	14.5	23	12.1	0.0116	360	500
CA3031502	3 x 2.5	1/1.78	1.78	0.8	0.8	0.80	1.8	15.5	30	7.41	0.0102	420	500
CA3034502	3 x 2.5	7/0.67	2.01	0.8	0.8	0.80	1.8	16.0	30	7.41	0.0093	440	500
CA3031004	3 x 4	1/2.25	2.25	0.8	0.8	1.25	1.8	18.0	40	4.61	0.0094	650	500
CA3034004	3 x 4	7/0.85	2.55	0.9	0.8	1.25	1.8	18.5	40	4.61	0.0085	700	500
CA3034006	3 x 6	7/1.04	3.12	0.9	0.8	1.25	1.8	20.0	51	3.08	0.0073	800	500
CA3034010	3 x10	7/1.35	4.05	1.1	0.8	1.60	1.8	23.0	69	1.83	0.0069	1,200	500
CA3034016	3 x16	7/1.70	5.10	1.1	1.2	1.60	2.0	27.0	88	1.15	0.0057	1,600	500
CA3034025	3 x 25	7/2.14	6.42	1.3	1.2	2.00	2.0	31.0	115	0.727	0.0054	2,300	500
CA3034035	3 x 35	19/1.53	7.65	1.3	1.2	2.00	2.0	34.0	140	0.524	0.0047	2,800	500
CA3034050	3 x 50	19/1.78	8.90	1.5	1.5	2.00	2.2	40.0	164	0.387	0.0046	3,700	500
CA3034070	3 x 70	19/2.14	10.70	1.5	1.5	2.00	2.2	43.0	202	0.268	0.0039	4,500	500
CA3034095	3 x 95	19/2.52	12.60	1.7	1.5	2.50	2.4	50.0	244	0.193	0.0038	6,500	500
CA3034120	3 x 120	37/2.03	14.21	1.7	1.8	2.50	2.6	54.0	277	0.153	0.0034	7,500	300
CA3034150	3 x 150	37/2.25	15.75	1.9	1.8	2.50	2.8	59.0	310	0.124	0.0034	9,000	300
CA3034185	3 x185	37/2.52	17.64	2.1	2.0	2.50	3.0	65.0	350	0.0991	0.0034	10,500	300
CA3034240	3 x 240	61/2.25	20.25	2.3	2.0	2.50	3.2	72.0	406	0.0754	0.0033	13,000	200
CA3034300	3 x 300	61/2.52	22.68	2.5	2.2	3.15	3.4	79.0	457	0.0601	0.0032	17,000	200



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: 750 V 70°C PVC INSULATED AND DOUBLE SHEATH CABLE WITH GALVANIZED STEEL WIRES ARMOUR



APPLICATION

For install exposed, or in raceway, wet or dry locatiion, or direct burial ground

CONSTRUCTION

Conductor : Concentric stranded annealed copper wire
 Insulation : Polyvinyl chloride (PVC)
 (Light gray, Black, Red, Blue)
 Inner Sheath : Black polyvinyl chloride (PVC)
 Armour : Galvanized steel wires
 Outer Sheath : Black polyvinyl chloride (PVC)

REFERENCE STANDARD

Applied TIS 11-2531
 * Testing Voltage : 2,500 Volts.

CLASSIFICATION

Maximum conductor temperature 70°C,
 Circuit voltage dose not exceed 750 volts.

CTW-NYY-SWA PRODUCT CODE	Conductor			Thickness of Insulation	Thickness of inner Sheath	Diameter of steel wire armour	Thickness of Outer Sheath	Overall diameter (Approx.)	Ampacities direct burial in Free Air at 40° C	Maximum conductor resistance at 20° C	Minimum insulation resistance at 20° C	Cable weight (Approx.)	Standard packing
	Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)										
	core x mm ²	No. / mm	mm										
CA3041001	4 x 1.0	1/1.13	1.13	0.8	0.8	0.80	1.8	15.0	16	18.1	0.0141	360	500
CA3044001	4 x 1.0	7/0.40	1.2	0.8	0.8	0.80	1.8	15.0	16	18.1	0.0135	360	500
CA3041501	4 x 1.5	1/1.13	1.13	0.8	0.8	0.80	1.8	15.5	20	12.1	0.0123	400	500
CA3044501	4 x 1.5	7/0.5	1.50	0.8	0.8	0.80	1.8	15.5	20	12.1	0.0116	410	500
CA3041502	4 x 2.5	1/1.38	1.38	0.8	0.8	0.80	1.8	16.5	27	7.41	0.0102	480	500
CA3044502	4 x 2.5	7/0.67	2.01	0.8	0.8	1.25	1.8	18.0	27	7.41	0.0093	650	500
CA3041004	4 x 4	1/2.25	2.25	0.8	0.8	1.25	1.8	19.0	36	4.61	0.0094	750	500
CA3044004	4 x 4	7/0.85	2.55	0.9	0.8	1.25	1.8	20.0	36	4.61	0.0085	800	500
CA3044006	4 x 6	7/1.04	3.12	0.9	0.8	1.25	1.8	21.0	45	3.08	0.0073	950	500
CA3044010	4 x10	7/1.35	4.05	1.1	0.8	1.60	2.0	25.0	61	1.83	0.0069	1,400	500
CA3044016	4 x16	7/1.70	5.10	1.1	1.2	1.60	2.0	29.0	78	1.15	0.0057	1,900	500
CA3044025	4 x 25	7/2.14	6.42	1.3	1.2	2.00	2.0	34.0	102	0.727	0.0054	2,800	500
CA3044035	4 x 35	19/1.53	7.65	1.3	1.5	2.00	2.2	38.0	122	0.524	0.0047	3,500	500
CA3044050	4 x 50	19/1.78	8.90	1.5	1.5	2.00	2.2	43.0	145	0.387	0.0046	4,500	500
CA3044070	4 x 70	19/2.14	10.70	1.5	1.5	2.50	2.4	48.0	179	0.268	0.0039	6,000	500
CA3044095	4 x 95	19/2.52	12.60	1.7	1.8	2.50	2.6	55.0	214	0.193	0.0038	8,000	300
CA3044120	4 x 120	37/2.03	14.21	1.7	1.8	2.50	2.8	59.0	244	0.153	0.0034	9,000	300
CA3044150	4 x 150	37/2.25	15.75	1.9	2.0	2.50	3.0	65.0	273	0.124	0.0034	11,000	300
CA3044185	4 x185	37/2.52	17.64	2.1	2.0	2.50	3.2	71.0	309	0.0991	0.0034	13,500	200
CA3044240	4 x 240	61/2.25	20.25	2.3	2.2	3.15	3.4	81.0	358	0.0754	0.0033	17,500	150
CA3044300	4 x 300	61/2.52	22.68	2.5	2.2	3.15	3.8	89.0	403	0.0601	0.0032	21,000	150