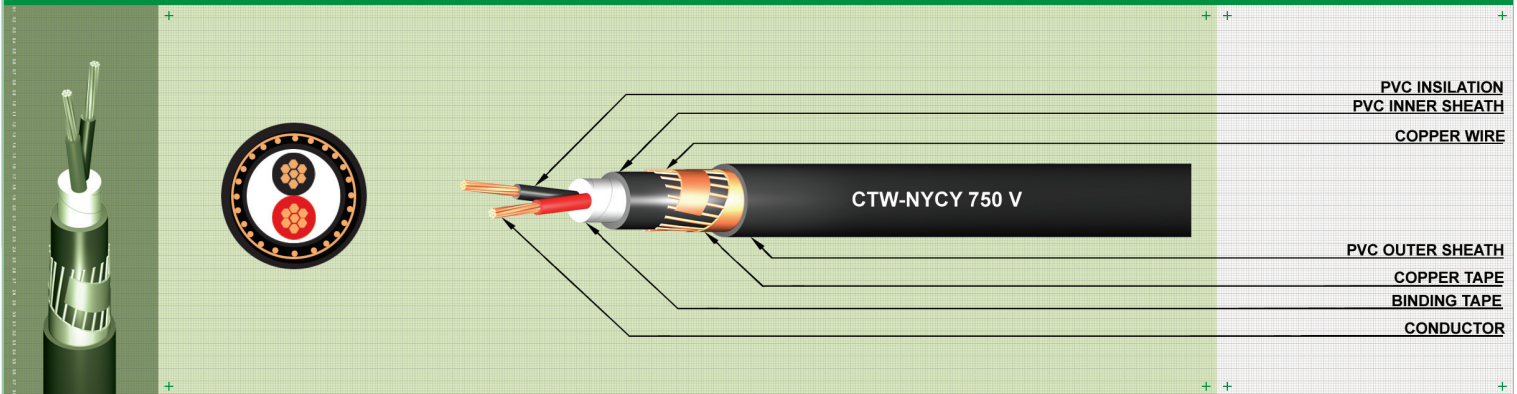




CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-NYCY 750 V POWER CABLE

: 750 V 70°C PVC INSULATED AND DOUBLE SHEATH CABLE WITH COPPER SHIELD



APPLICATION

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

CONSTRUCTION

Phase conductor : Concentric stranded annealed copper wire.
 Concentric Shield : Annealed copper wires with helix of copper tape.
 Insulation : Polyvinyl chloride (PVC).
 (Red, Black)
 Inner Sheath : Black polyvinyl chloride (PVC).
 Outer Sheath : Black polyvinyl chloride (PVC).

REFERENCE STANDARD

TIS 11-2531 and VDE 0271 where application
 * Testing Voltage : 2,500 Volts.

CLASSIFICATION

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

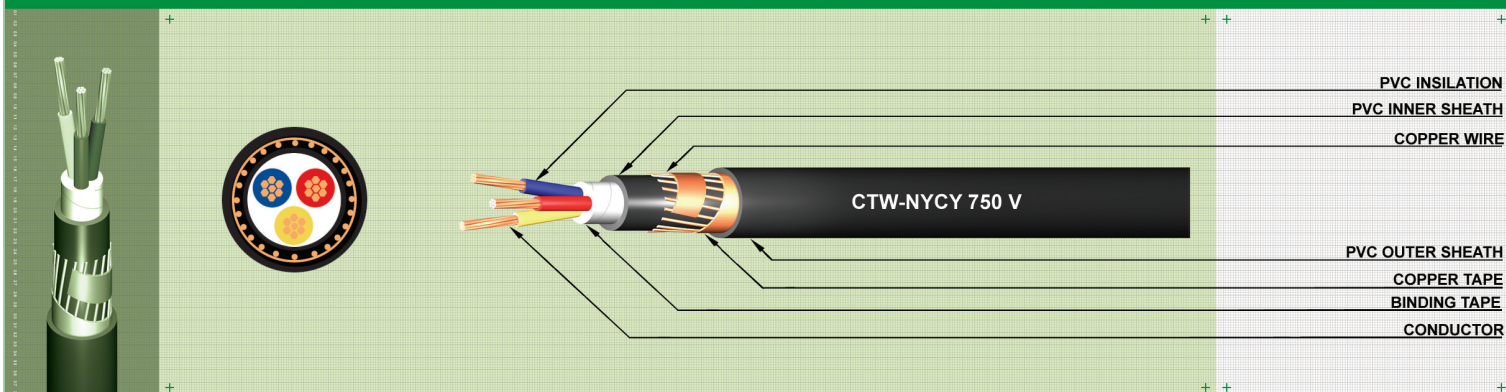
CTW-NYCY PRODUCT CODE	Conductor			Thickness of Insulation	Thickness of inner Sheath	Copper wire shield		Thickness of Outer Sheath	Overall diameter (Approx.)	Ampacities direct burial in Free Air at 40 °C	Maximum conductor resistance at 20 °C	Minimum insulation resistance at 20 °C	Cable weight (Approx.)	Standard packing
	Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)			Nominal Cross-sectional area	Number and diameter of wire							
	core x mm ²	No. / mm	mm			core x mm ²	No. / mm							
CA0024501	2 x 1.5	7/0.5	1.50	0.8	0.8	1.5	7/0.5	1.8	15	17	12.1	0.0116	200	1,000
CA0024502	2 x 2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	17	23	7.41	0.0093	250	1,000
CA0024004	2 x 4	7/0.85	2.55	0.9	0.8	4	7/0.85	1.8	19	35	4.61	0.0085	350	1,000
CA0024006	2 x 6	7/1.04	3.12	0.9	0.8	6	12/0.8	1.8	20	44	3.08	0.0073	450	1,000
CA0024010	2 x10	7/1.35	4.05	1.1	0.8	10	20/0.8	1.8	23	61	1.83	0.0069	650	1,000
CA0024016	2 x16	7/1.70	5.10	1.1	0.8	16	11/1.38	2.0	26	82	1.15	0.0057	950	500
CA0024025	2 x 25	7/2.14	6.42	1.3	1.2	25	17/1.38	2.0	31	104	0.727	0.0054	1,350	500
CA0024035	2 x 35	19/1.53	7.65	1.3	1.2	25	17/1.38	2.0	33	129	0.524	0.0047	1,650	500
CA0024050	2 x 50	19/1.78	8.90	1.5	1.2	35	23/1.38	2.2	37	157	0.387	0.0046	2,150	500
CA0024070	2 x 70	19/2.14	10.70	1.5	1.5	50	33/1.38	2.2	42	202	0.268	0.0039	2,950	500
CA0024095	2 x 95	19/2.52	12.60	1.7	1.5	70	28/1.78	2.2	47	245	0.193	0.0038	3,900	250
CA0024120	2 x 120	37/2.03	14.21	1.7	1.5	95	29/2.03	2.4	52	285	0.153	0.0034	4,850	250
CA0024150	2 x 150	37/2.25	15.75	1.9	1.8	95	29/2.03	2.6	57	330	0.124	0.0034	5,750	250
CA0024185	2 x185	37/2.52	17.64	2.1	1.8	120	30/2.25	2.8	63	378	0.0991	0.0034	7,150	250
CA0024240	2 x 240	61/2.25	20.25	2.3	2.0	120	30/2.50	3.0	71	446	0.0754	0.0033	8,840	250
CA0024300	2 x 300	61/2.52	22.68	2.5	2.0	150	30/2.52	3.2	78	517	0.0601	0.0032	10,900	250



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-NYCY 750 V POWER CABLE

: 750 V 70°C PVC INSULATED AND DOUBLE SHEATH CABLE WITH COPPER SHIELD



APPLICATION

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

CONSTRUCTION

Phase conductor : Concentric stranded annealed copper wire
 Concentric Shield : Annealed copper wires with helix of copper tape
 Insulation : Polyvinyl chloride
 (Red, Yellow, Blue)
 Inner Sheath : Polyvinyl chloride (Black colour)
 Outer Sheath : Polyvinyl chloride (Black colour)

REFERENCE STANDARD

TIS 11-2531 and VDE 0271 where application
 * Testing Voltage : 2,500 Volts.

CLASSIFICATION

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

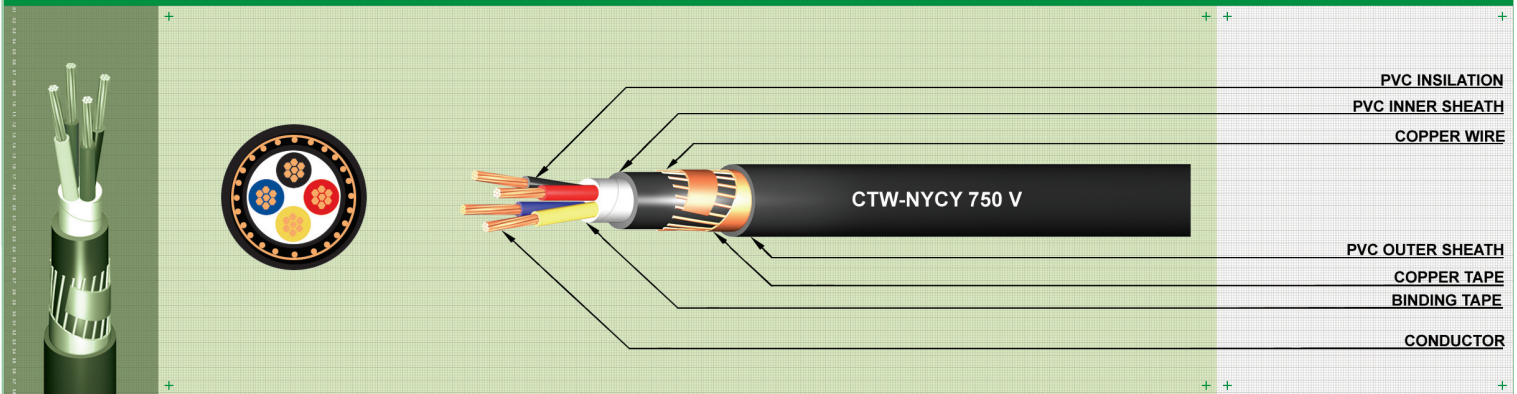
CTW-NYCY PRODUCT CODE	Conductor			Thickness of Insulation	Thickness of inner Sheath	Copper wire shield		Thickness of Outer Sheath	Overall diameter (Approx.)	Ampacities direct burial in Free Air at 40 °C	Maximum conductor resistance at 20 °C	Minimum insulation resistance at 20 °C	Cable weight (Approx.)	Standard packing
	Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.)			Nominal Cross- sectional area	Number and diameter of wire							
	core x mm ²	No. / mm	mm			core x mm ²	No. / mm							
CA0034501	3 x 1.5	7/0.5	1.50	0.8	0.8	1.5	7/0.50	1.8	17	15	12.1	0.0116	250	1,000
CA0034502	3 x 2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	18	21	7.41	0.0093	300	1,000
CA0034004	3 x 4	7/0.85	2.55	0.9	0.8	4	7/0.85	1.8	19	30	4.61	0.0085	400	1,000
CA0034006	3 x 6	7/1.04	3.12	0.9	0.8	6	12/0.80	1.8	20	37	3.08	0.0073	500	1,000
CA0034010	3 x10	7/1.35	4.05	1.1	0.8	10	20/0.80	1.8	23	52	1.83	0.0069	750	1,000
CA0034016	3 x16	7/1.70	5.10	1.1	1.2	16	11/1.38	2.0	28	70	1.15	0.0057	1,150	500
CA0034025	3 x 25	7/2.14	6.42	1.3	1.2	25	17/1.38	2.0	32	88	0.727	0.0054	1,650	500
CA0024035	3 x 35	19/1.53	7.65	1.3	1.2	25	17/1.38	2.0	35	110	0.524	0.0047	2,000	500
CA0034050	3 x 50	19/1.78	8.90	1.5	1.5	35	23/1.38	2.2	40	133	0.387	0.0046	2,700	500
CA0034070	3 x 70	19/2.14	10.70	1.5	1.5	50	33/1.38	2.2	44	171	0.268	0.0039	3,600	500
CA0034095	3 x 95	19/2.52	12.60	1.7	1.5	70	28/1.78	2.4	50	207	0.193	0.0038	4,850	250
CA0034120	3 x 120	37/2.03	14.21	1.7	1.8	95	29/2.03	2.6	55	240	0.153	0.0034	6,100	250
CA0034150	3 x 150	37/2.25	15.75	1.9	1.8	95	29/2.03	2.8	61	278	0.124	0.0034	7,200	250
CA0034185	3 x185	37/2.52	17.64	2.1	2.0	120	30/2.25	3.0	68	317	0.0991	0.0034	9,000	250
CA0034240	3 x 240	61/2.25	20.25	2.3	2.0	120	30/2.25	3.2	75	374	0.0754	0.0033	11,200	250
CA0034300	3 x 300	61/2.52	22.68	2.5	2.2	150	30/2.52	3.4	83	432	0.0601	0.0032	13,900	250



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-NYCY 750 V POWER CABLE

: 750 V 70°C PVC INSULATED AND DOUBLE SHEATH CABLE WITH COPPER SHIELD



APPLICATION

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

CONSTRUCTION

Phase conductor : Concentric stranded annealed copper wire
 Concentric Shield : Annealed copper wires with helix of copper tape
 Insulation : Polyvinyl chloride
 (Red, Yellow, Blue,Black)
 Inner Sheath : Polyvinyl chloride (Black colour)
 Outer Sheath : Polyvinyl chloride (Black colour)

REFERENCE STANDARD

TIS 11-2531 and VDE 0271 where application
 * Testing Voltage : 2,500 Volts.

CLASSIFICATION

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

CTW-NYCY PRODUCT CODE	Conductor			Thickness of Insulation	Thickness of inner Sheath	Copper wire shield		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.)			Nominal Cross- sectional area	Number and diameter of wire							
	core x mm ²	No. / mm	mm			core x mm ²	No. / mm							
CA0044501	4 x 1.5	7/0.50	1.50	0.8	0.8	1.5	7/0.50	1.8	18	15	12.1	0.0116	300	1,000
CA0044502	4 x 2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	19	20	7.41	0.0093	350	1,000
CA0044004	4 x 4	7/0.85	2.55	0.9	0.8	4	7/0.85	1.8	20	30	4.61	0.0085	450	1,000
CA0044006	4 x 6	7/1.04	3.12	0.9	0.8	6	12/0.80	1.8	22	37	3.08	0.0073	600	1,000
CA0044010	4 x10	7/1.35	4.05	1.1	0.8	10	20/0.80	2.0	26	52	1.83	0.0069	950	1,000
CA0044016	4 x16	7/1.70	5.10	1.1	1.2	16	11/1.38	2.0	30	70	1.15	0.0057	1,350	500
CA0044025	4 x 25	7/2.14	6.42	1.3	1.2	25	17/1.38	2.0	34	88	0.727	0.0054	1,950	500
CA0044035	4 x 35	19/1.53	7.65	1.3	1.5	25	17/1.38	2.2	39	110	0.524	0.0047	2,500	500
CA0044050	4 x 50	19/1.78	8.90	1.5	1.5	35	23/1.38	2.2	43	133	0.387	0.0046	3,250	500
CA0044070	4 x 70	19/2.14	10.70	1.5	1.5	50	33/1.38	2.4	48	171	0.268	0.0039	4,450	500
CA0044095	4 x 95	19/2.52	12.60	1.7	1.8	70	28/1.78	2.6	56	207	0.193	0.0038	6,050	250
CA0044120	4 x 120	37/2.03	14.21	1.7	1.8	95	29/2.03	2.8	62	240	0.153	0.0034	7,500	250
CA0044150	4 x 150	37/2.25	15.75	1.9	2.0	95	29/2.03	3.0	67	278	0.124	0.0034	8,950	250
CA0044185	4 x185	37/2.52	17.64	2.1	2.0	120	30/2.25	3.2	74	317	0.0991	0.0034	11,150	250
CA0044240	4 x 240	61/2.25	20.25	2.3	2.2	120	30/2.50	3.4	83	374	0.0754	0.0033	14,000	250
CA0044300	4 x 300	61/2.52	22.68	2.5	2.2	150	30/2.52	3.8	92	432	0.0601	0.0032	17,400	250