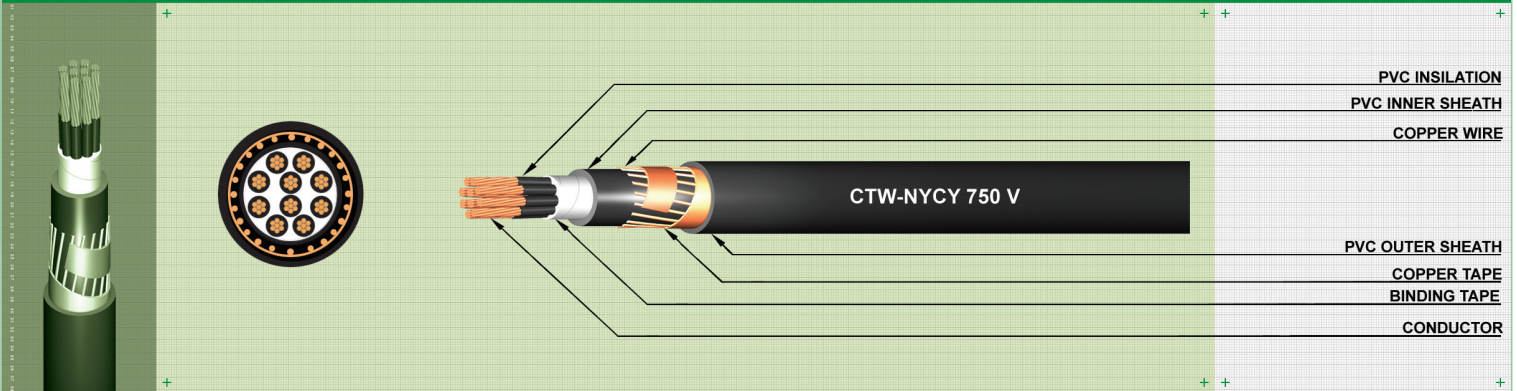




CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW-NYCY 750 V CONTROL CABLE

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



PVC INSULATION

PVC INNER SHEATH

COPPER WIRE

PVC OUTER SHEATH

COPPER TAPE

BINDING TAPE

CONDUCTOR

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).
 - 2 cores : Red, Black
 - 3 cores : Red, Yellow, Blue
 - 4 cores : Red, Yellow, Blue, Black
 For more than 4 cores, insulation colour will be black with white number marking
- 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 mm	Thickness of inner Sheath mm	Copper wire shield		Thickness of Outer Sheath mm	Overall diameter (Approx.) mm	Ampacities direct burial in Free Air at 40 °C A	Maximum conductor resistance at 20 °C Ω/km	Minimum insulation resistance at 20 °C Ω-km	Cable weight (Approx.) Kg-km	Standard packing m/R
	Nominal Cross-sectional area	Number and diameter of wire	Diameter (Approx.) mm			Nominal Cross- sectional area	Number and diameter of wire							
	core x mm ²	No. / mm	mm			core x mm ²	No. / mm							
CA2024502	2x2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	17	26	7.41	0.0093	250	500
CA2034502	3x2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	17.5	22	4.61	0.0093	300	500
CA2044502	4x2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	18	22	3.08	0.0093	350	500
CA2054502	5x2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	19	20	1.83	0.0093	380	500
CA2064502	6x2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	21	18	1.15	0.0093	430	500
CA2074502	7x2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	21	16	0.727	0.0093	460	500
CA2124502	12x2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	25	12	0.524	0.0093	690	500
CA2194502	19x2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	28	12	0.387	0.0093	960	500
CA2274502	27x2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	32	11	0.268	0.0093	1,310	500
CA2374502	37x2.5	7/0.67	2.01	0.8	0.8	2.5	7/0.67	1.8	38	10	0.193	0.0093	1,860	500