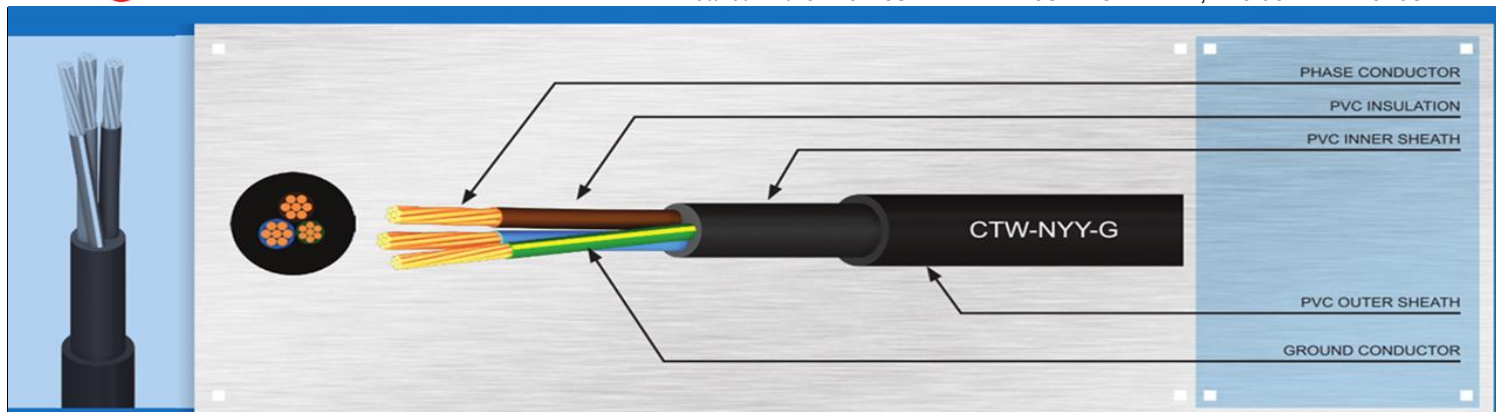




CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW- NYY-G

450/750 V 70°C PVC INSULATED AND DOUBLE SHEATHED, TWO CORE WITH GROUND



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Anneal copper, solid(Class 1) or stranded(Class 2) Sizes 1 sq.mm. up to 300 sq.mm.	Building wiring for installation on cable tray, conduits and direct burial in ground.	Maximum conductor temperature 70°C
Insulation	Polyvinyl chloride (PVC/C) Colour : Blue, Brown, Green with Yellow stripe		Circuit voltage does not exceed 750 volts.
Inner sheath	Polyvinyl chloride (PVC/ST4) Colour : Black	REFERENCE	NOTE
Outer sheath	Polyvinyl chloride (PVC/ST4) Colour : Black	 TIS 11-2559 Part 101 Table 5 AC Test Voltage : 2.5 kV	

CTW-NYY-G		Phase Core			Ground Core			Thickness of Inner Sheath	Thickness of Outer Sheath	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C (Phase)	Maximum Conductor Resistance at 20°C (Ground)	Minimum Insulation Resistance at 70°C	Standard Packing
		Number of Wire	Diameter of Conductor (Approx.)	Thickness of Insulation	Number of Wire	Diameter of Conductor (Approx.)	Thickness of Insulation	mm	mm	mm	kg/km	Ω/km	Ω/km	MΩ-km	m
PRODUCT CODE	SIZE core x sq.mm.	No.	mm	mm	No.	mm	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	MΩ-km	m
C01J4021001	2 x 1/1	1	1.13	0.8	1	1.13	0.8	0.8	1.8	13.0	195	18.1000	18.1000	0.0141	100/C
C01J4024001	2 x 1/1	7	1.29	0.8	7	1.29	0.8	0.8	1.8	13.5	210	18.1000	18.1000	0.0135	100/C
C01J4021501	2 x 1.5/1.5	1	1.37	0.8	1	1.37	0.8	0.8	1.8	13.5	220	12.1000	12.1000	0.0123	100/C
C01J4024501	2 x 1.5/1.5	7	1.56	0.8	7	1.56	0.8	0.8	1.8	14.0	240	12.1000	12.1000	0.0116	100/C
C01J4021502	2 x 2.5/2.5	1	1.74	0.8	1	1.74	0.8	0.8	1.8	14.5	265	7.4100	7.4100	0.0102	100/C
C01J4024502	2 x 2.5/2.5	7	2.01	0.8	7	2.01	0.8	0.8	1.8	15.0	290	7.4100	7.4100	0.0093	100/C
C01J4021004	2 x 4/4	1	2.21	0.9	1	2.21	0.9	0.8	1.8	16.0	350	4.6100	4.6100	0.0094	1000/R
C01J4024004	2 x 4/4	7	2.52	0.9	7	2.52	0.9	0.8	1.8	16.5	380	4.6100	4.6100	0.0085	1000/R
C01J4024006	2 x 6/6	7	3.08	0.9	7	3.08	0.9	0.8	1.8	18.0	470	3.0800	3.0800	0.0073	1000/R
C01J4024010	2 x 10/10	7	3.99	1.1	7	3.99	1.1	0.8	1.8	21.0	665	1.8300	1.8300	0.0069	1000/R
C01J4024016	2 x 16/16	7	5.04	1.1	7	5.04	1.1	0.8	2.0	23.5	925	1.1500	1.1500	0.0057	1000/R
C01J4024025	2 x 25/16	7	6.33	1.3	7	5.04	1.1	1.2	2.0	28.0	1,280	0.7270	1.1500	0.0054	1000/R
C01J4024035	2 x 35/16	7	7.47	1.3	7	5.04	1.1	1.2	2.0	30.0	1,535	0.5240	1.1500	0.0047	1000/R
C01J4024050	2 x 50/25	19	8.80	1.5	7	6.33	1.3	1.2	2.2	34.0	2,055	0.3870	0.7270	0.0046	1000/R
C01J4024070	2 x 70/35	19	10.55	1.5	7	7.47	1.3	1.5	2.2	38.5	2,750	0.2680	0.5240	0.0039	1000/R
C01J4024095	2 x 95/50	19	12.45	1.7	19	8.80	1.5	1.5	2.2	43.5	3,630	0.1930	0.3870	0.0038	500/R
C01J4024120	2 x 120/70	37	14.00	1.7	19	10.55	1.5	1.5	2.4	47.5	4,510	0.1530	0.2680	0.0034	500/R
C01J4024150	2 x 150/95	37	15.54	1.9	19	12.45	1.7	1.8	2.6	53.0	5,700	0.1240	0.1930	0.0034	500/R
C01J4024185	2 x 185/95	37	17.43	2.1	19	12.45	1.7	1.8	2.8	57.5	6,710	0.0991	0.1930	0.0034	300/R
C01J4024240	2 x 240/120	61	19.98	2.3	37	14.00	1.7	2.0	3.0	64.5	8,545	0.0754	0.1530	0.0033	300/R
C01J4024300	2 x 300/150	61	22.41	2.5	37	15.54	1.9	2.0	3.2	71.0	10,520	0.0601	0.1930	0.0032	250/R

C = Packing in coil
R = Packing in reel

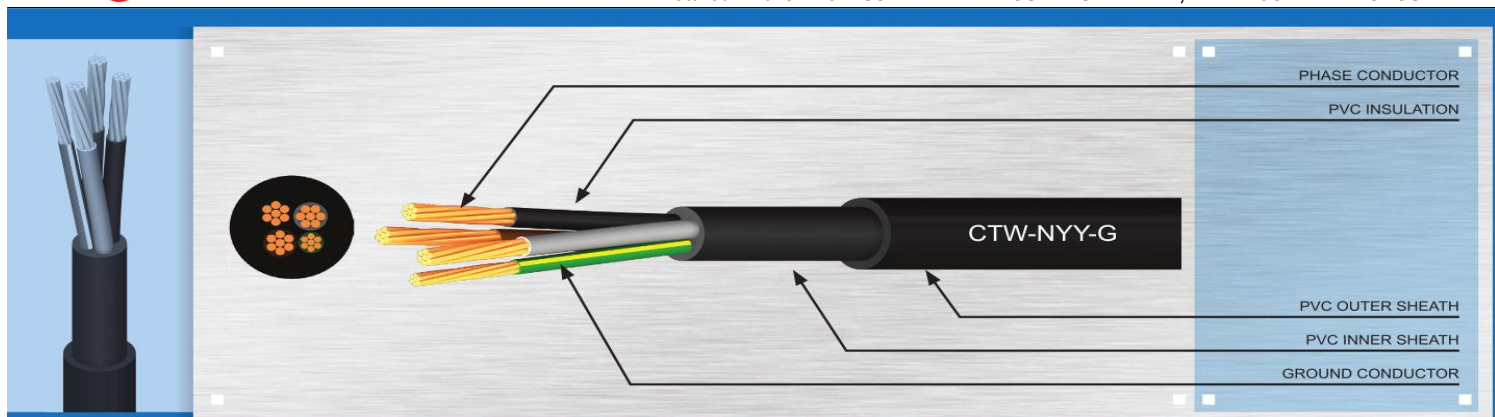
Building Wire & Low Voltage Power Cable



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW- NYY-G

450/750 V 70°C PVC INSULATED AND DOUBLE SHEATHED, THREE CORE WITH GROUND



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Anneal copper, solid(Class 1) or stranded(Class 2) Sizes 1 sq.mm. up to 300 sq.mm.	Building wiring for installation on cable tray, conduits and direct burial in ground.	Maximum conductor temperature 70°C Circuit voltage does not exceed 750 volts.
Insulation	Polyvinyl chloride (PVC/C) Colour : Brown, Black, Grey, Green with Yellow stripe		
Inner sheath	Polyvinyl chloride (PVC/ST4) Colour : Black	REFERENCE	NOTE
Outer sheath	Polyvinyl chloride (PVC/ST4) Colour : Black	 TIS 11-2559 Part 101 Table 5 AC Test Voltage : 2.5 kV	

CTW-NYY-G		Phase Core			Ground Core			Thickness of Inner Sheath	Thickness of Outer Sheath	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C (Phase)	Maximum Conductor Resistance at 20°C (Ground)	Minimum Insulation Resistance at 70°C	Standard Packing
		Number of Wire	Diameter of Conductor (Approx.)	Thickness of Insulation	Number of Wire	Diameter of Conductor (Approx.)	Thickness of Insulation	mm	mm	mm	kg/km	Ω/km	Ω/km	MΩ-km	m
PRODUCT CODE	SIZE core x sq.mm.	No.	mm	mm	No.	mm	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	MΩ-km	m
C01J4031001	3 x 1/1	1	1.13	0.8	1	1.13	0.8	0.8	1.8	13.5	225	18.1000	18.1000	0.0141	100/C
C01J4034001	3 x 1/1	7	1.29	0.8	7	1.29	0.8	0.8	1.8	14.0	240	18.1000	18.1000	0.0135	100/C
C01J4031501	3 x 1.5/1.5	1	1.37	0.8	1	1.37	0.8	0.8	1.8	14.0	255	12.1000	12.1000	0.0123	100/C
C01J4034501	3 x 1.5/1.5	7	1.56	0.8	7	1.56	0.8	0.8	1.8	15.0	280	12.1000	12.1000	0.0116	100/C
C01J4031502	3 x 2.5/2.5	1	1.74	0.8	1	1.74	0.8	0.8	1.8	15.5	315	7.4100	7.4100	0.0102	1000/R
C01J4034502	3 x 2.5/2.5	7	2.01	0.8	7	2.01	0.8	0.8	1.8	16.0	345	7.4100	7.4100	0.0093	1000/R
C01J4031004	3 x 4/4	1	2.21	0.9	1	2.21	0.9	0.8	1.8	17.0	420	4.6100	4.6100	0.0094	1000/R
C01J4034004	3 x 4/4	7	2.52	0.9	7	2.52	0.9	0.8	1.8	18.0	455	4.6100	4.6100	0.0085	1000/R
C01J4034006	3 x 6/6	7	3.08	0.9	7	3.08	0.9	0.8	1.8	19.0	570	3.0800	3.0800	0.0073	1000/R
C01J4034010	3 x 10/10	7	3.99	1.1	7	3.99	1.1	0.8	1.8	22.5	820	1.8300	1.8300	0.0069	1000/R
C01J4034016	3 x 16/16	7	5.04	1.1	7	5.04	1.1	1.2	2.0	26.5	1,190	1.1500	1.1500	0.0057	1000/R
C01J4034025	3 x 25/16	7	6.33	1.3	7	5.04	1.1	1.2	2.0	30.5	1,625	0.7270	1.1500	0.0054	1000/R
C01J4034035	3 x 35/16	7	7.47	1.3	7	5.04	1.1	1.2	2.0	33.0	1,995	0.5240	1.1500	0.0047	1000/R
C01J4034050	3 x 50/25	19	8.80	1.5	7	6.33	1.3	1.5	2.2	38.5	2,720	0.3870	0.7270	0.0046	1000/R
C01J4034070	3 x 70/35	19	10.55	1.5	7	7.47	1.3	1.5	2.2	42.5	3,585	0.2680	0.5240	0.0039	500/R
C01J4034095	3 x 95/50	19	12.45	1.7	19	8.80	1.5	1.5	2.4	48.5	4,815	0.1930	0.3870	0.0038	500/R
C01J4034120	3 x 120/70	37	14.00	1.7	19	10.55	1.5	1.8	2.6	53.5	6,030	0.1530	0.2680	0.0034	300/R
C01J4034150	3 x 150/95	37	15.54	1.9	19	12.45	1.7	1.8	2.8	59.0	7,470	0.1240	0.1930	0.0034	300/R
C01J4034185	3 x 185/95	37	17.43	2.1	19	12.45	1.7	2.0	3.0	64.5	8,985	0.0991	0.1930	0.0034	300/R
C01J4034240	3 x 240/120	61	19.98	2.3	37	14.00	1.7	2.0	3.2	72.0	11,415	0.0754	0.1530	0.0033	200/R
C01J4034300	3 x 300/150	61	22.41	2.5	37	15.54	1.9	2.0	3.4	79.5	14,080	0.0601	0.1930	0.0032	200/R

C = Packing in coil
R = Packing in reel

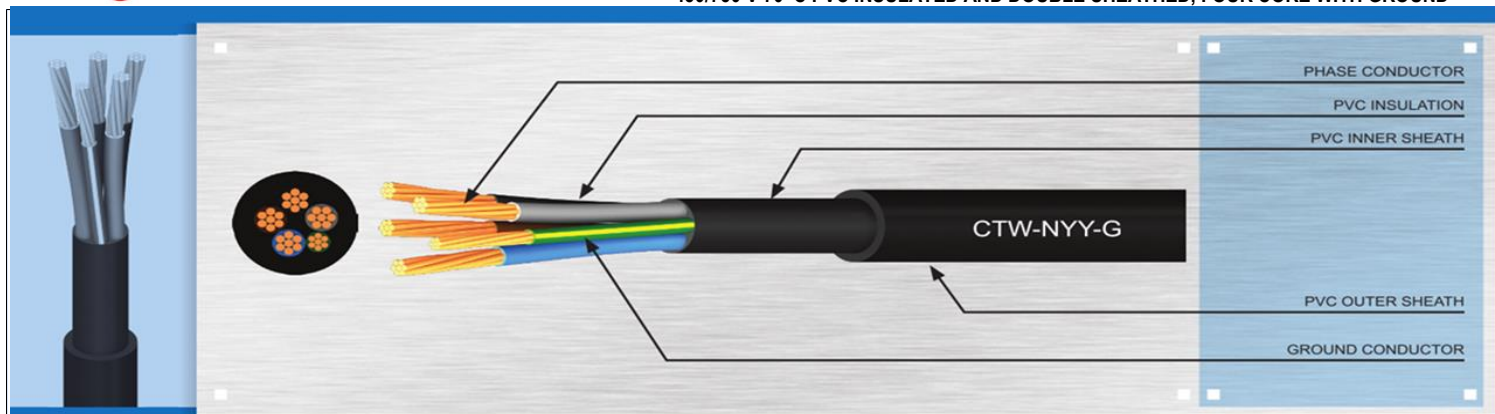
Building Wire & Low Voltage Power Cable



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW- NYY-G

450/750 V 70°C PVC INSULATED AND DOUBLE SHEATHED, FOUR CORE WITH GROUND



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Anneal copper, solid(Class 1) or stranded(Class 2) Sizes 1 sq.mm. up to 300 sq.mm.	Building wiring for installation on cable tray, conduits and direct burial in ground.	Maximum conductor temperature 70°C
Insulation	Polyvinyl chloride (PVC/C) Colour : Blue, Brown, Black, Grey, Green with Yellow stripe		Circuit voltage does not exceed 750 volts.
Inner sheath	Polyvinyl chloride (PVC/ST4) Colour : Black	REFERENCE	NOTE
Outer sheath	Polyvinyl chloride (PVC/ST4) Colour : Black	 TIS 11-2559 Part 101 Table 5 AC Test Voltage : 2.5 kV	

CTW-NYY-G		Phase Core			Ground Core			Thickness of Inner Sheath	Thickness of Outer Sheath	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C (Phase)	Maximum Conductor Resistance at 20°C (Ground)	Minimum Insulation Resistance at 70°C	Standard Packing
		Number of Wire	Diameter of Conductor (Approx.)	Thickness of Insulation	Number of Wire	Diameter of Conductor (Approx.)	Thickness of Insulation	mm	mm	mm	kg/km	Ω/km	Ω/km	MΩ-km	m
PRODUCT CODE	SIZE core x sq.mm.	No.	mm	mm	No.	mm	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	MΩ-km	m
C01J4041001	4 x 1/1	1	1.13	0.8	1	1.13	0.8	0.8	1.8	14.5	260	18.1000	18.1000	0.0141	100/C
C01J4044001	4 x 1/1	7	1.29	0.8	7	1.29	0.8	0.8	1.8	15.0	280	18.1000	18.1000	0.0135	100/C
C01J4041501	4 x 1.5/1.5	1	1.37	0.8	1	1.37	0.8	0.8	1.8	15.0	300	12.1000	12.1000	0.0123	100/C
C01J4044501	4 x 1.5/1.5	7	1.56	0.8	7	1.56	0.8	0.8	1.8	16.0	325	12.1000	12.1000	0.0116	100/C
C01J4041502	4 x 2.5/2.5	1	1.74	0.8	1	1.74	0.8	0.8	1.8	16.5	365	7.4100	7.4100	0.0102	1000/R
C01J4044502	4 x 2.5/2.5	7	2.01	0.8	7	2.01	0.8	0.8	1.8	17.0	405	7.4100	7.4100	0.0093	1000/R
C01J4041004	4 x 4/4	1	2.21	0.9	1	2.21	0.9	0.8	1.8	18.0	490	4.6100	4.6100	0.0094	1000/R
C01J4044004	4 x 4/4	7	2.52	0.9	7	2.52	0.9	0.8	1.8	19.0	535	4.6100	4.6100	0.0085	1000/R
C01J4044006	4 x 6/6	7	3.08	0.9	7	3.08	0.9	0.8	1.8	20.5	685	3.0800	3.0800	0.0073	1000/R
C01J4044010	4 x 10/10	7	3.99	1.1	7	3.99	1.1	0.8	2.0	25.0	1,005	1.8300	1.8300	0.0069	1000/R
C01J4044016	4 x 16/16	7	5.04	1.1	7	5.04	1.1	1.2	2.0	28.5	1,430	1.1500	1.1500	0.0057	1000/R
C01J4044025	4 x 25/16	7	6.33	1.3	7	5.04	1.1	1.2	2.0	34.0	1,995	0.7270	1.1500	0.0054	1000/R
C01J4044035	4 x 35/16	7	7.47	1.3	7	5.04	1.1	1.5	2.2	39.0	2,560	0.5240	1.1500	0.0047	1000/R
C01J4044050	4 x 50/25	19	8.80	1.5	7	6.33	1.3	1.5	2.2	43.5	3,365	0.3870	0.7270	0.0046	500/R
C01J4044070	4 x 70/35	19	10.55	1.5	7	7.47	1.3	1.5	2.4	49.0	4,510	0.2680	0.5240	0.0039	500/R
C01J4044095	4 x 95/50	19	12.45	1.7	19	8.80	1.5	1.8	2.6	56.5	6,140	0.1930	0.3870	0.0038	300/R
C01J4044120	4 x 120/70	37	14.00	1.7	19	10.55	1.5	1.8	2.8	61.5	7,560	0.1530	0.2680	0.0034	300/R
C01J4044150	4 x 150/95	37	15.54	1.9	19	12.45	1.7	2.0	3.0	68.0	9,395	0.1240	0.1930	0.0034	300/R
C01J4044185	4 x 185/95	37	17.43	2.1	19	12.45	1.7	2.0	3.2	75.0	11,315	0.0991	0.1930	0.0034	200/R
C01J4044240	4 x 240/120	61	19.98	2.3	37	14.00	1.7	2.2	3.4	84.5	14,490	0.0754	0.1530	0.0033	200/R
C01J4044300	4 x 300/150	61	22.41	2.5	37	15.54	1.9	2.2	3.8	93.5	17,990	0.0601	0.1930	0.0032	100/R

C = Packing in coil
R = Packing in reel

Building Wire & Low Voltage Power Cable