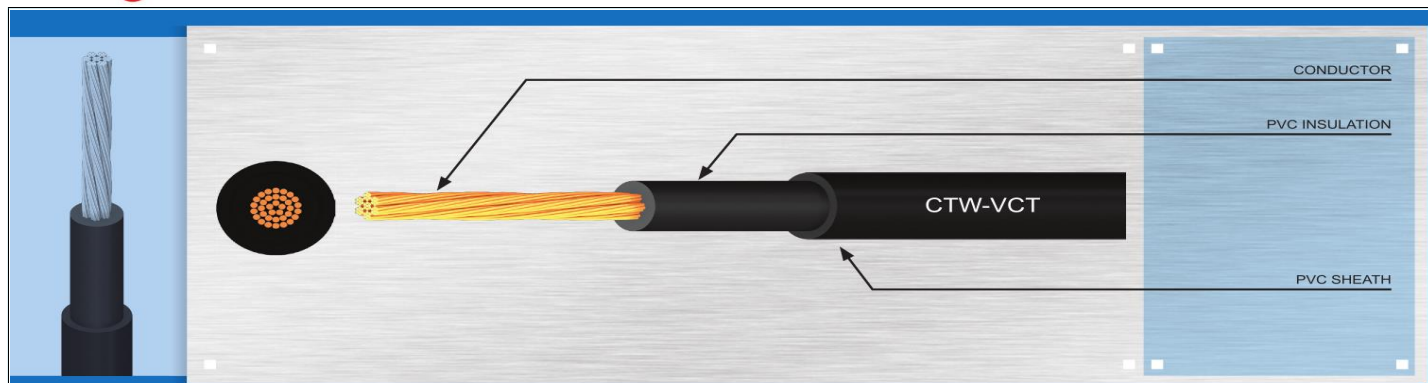




CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW-VCT**

450/750 V 70°C PVC INSULATED AND SHEATHED, FLEXIBLE SINGLE CORE



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Anneal copper, bunch stranded (Class 5) Sizes 1 sq.mm. up to 35 sq.mm.	Building wiring for installation on cable tray, conduit, direct burial in ground and using for electrical home apparatus.	Maximum conductor temperature 70°C
Insulation	Polyvinyl chloride (PVC/D) Colour : Black		Circuit voltage does not exceed 750 volts.
Sheath	Polyvinyl chloride (PVC/ST5) Colour : Black		
		REFERENCE	NOTE
		 TIS 11-2559 Part 101 Table 7 AC Test Voltage : 2.5 kV	

CTW VCT		Conductor			Thickness of Insulation	Thickness of Sheath	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C	Minimum Insulation Resistance at 70°C	Standard Packing
		Nominal Cross-Sectional Area sq.mm.	Min.Number and Ma. Dia. of Wire	Diameter (Approx.) mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
PRODUCT CODE	SIZE core x sq.mm.	sq.mm.	No./mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
C01J5016001	1 x 1	1	32/0.21	1.31	0.8	1.2	6.2	50	19.500	0.0127	100/C
C01J5016501	1 x 1.5	1.5	30/0.26	1.58	0.8	1.2	6.6	55	13.500	0.0111	100/C
C01J5016502	1 x 2.5	2.5	50/0.26	2.04	0.8	1.2	7.4	70	7.980	0.0092	100/C
C01J5016004	1 x 4	4	56/0.31	2.59	0.9	1.4	8.6	100	4.950	0.0084	100/C
C01J5016006	1 x 6	6	84/0.31	3.59	0.9	1.4	9.4	135	3.300	0.0071	100/C
C01J5016010	1 x 10	10	80/0.41	4.67	1.1	1.8	12.0	215	1.910	0.0068	100/C
C01J5016016	1 x 16	16	126/0.41	5.86	1.1	1.8	13.5	290	1.210	0.0050	500/R
C01J5016025	1 x 25	25	196/0.41	7.31	1.3	2.2	16.0	435	0.780	0.0048	500/R
C01J5016035	1 x 35	35	276/0.41	8.67	1.3	2.2	17.5	560	0.554	0.0041	500/R

C = Packing in coil

R = Packing in reel

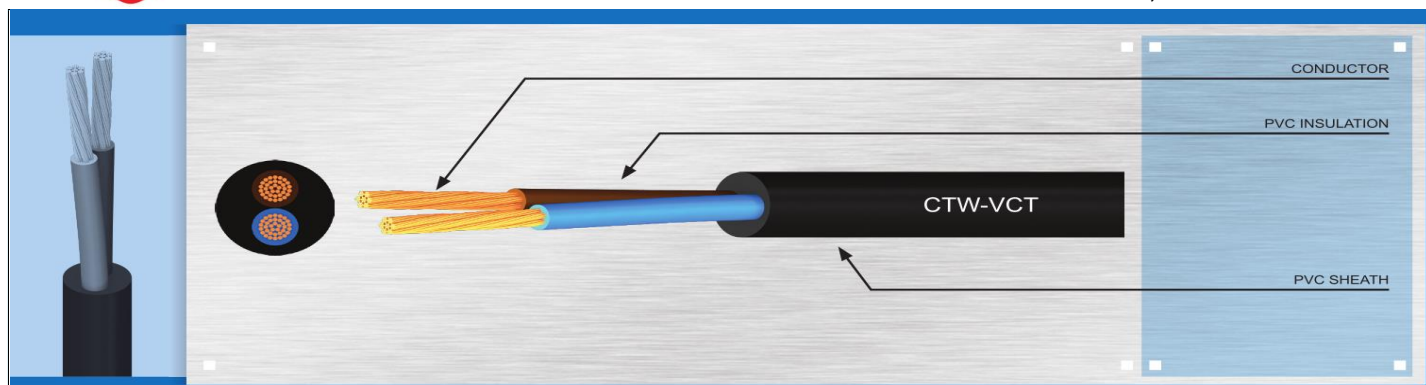
Building Wire & Low Voltage Power Cable



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW-VCT**

450/750 V 70°C PVC INSULATED AND SHEATHED, FLEXIBLE TWO CORES



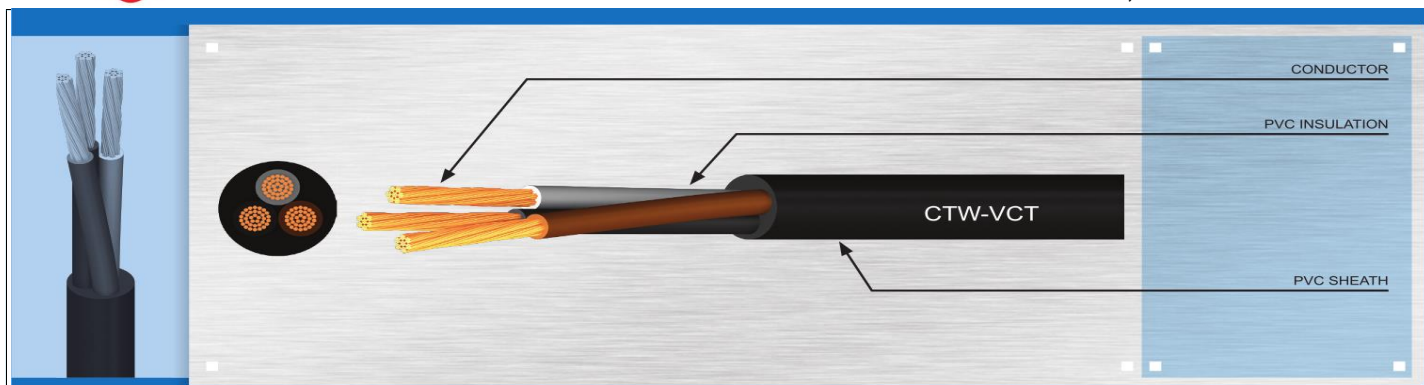
CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Anneal copper, bunch stranded (Class 5) Sizes 1 sq.mm. up to 35 sq.mm.	Building wiring for installation on cable tray, conduit, direct burial in ground and using for electrical home apparatus.	Maximum conductor temperature 70°C
Insulation	Polyvinyl chloride (PVC/D) Colour : Blue, Brown		Circuit voltage does not exceed 750 volts.
Sheath	Polyvinyl chloride (PVC/ST5) Colour : Black		
		REFERENCE	NOTE
		 TIS 11-2559 Part 101 Table 7 AC Test Voltage : 2.5 kV	

CTW VCT		Conductor			Thickness of Insulation	Thickness of Sheath	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C	Minimum Insulation Resistance at 70°C	Standard Packing
		Nominal Cross-Sectional Area sq.mm.	Min.Number and Ma. Dia. of Wire	Diameter (Approx.) mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
PRODUCT CODE	SIZE core x sq.mm.	sq.mm.	No./mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
C01J5026001	2 x 1	1	32/0.21	1.31	0.8	1.2	9.6	110	19.500	0.0127	500/R
C01J5026501	2 x 1.5	1.5	30/0.26	1.58	0.8	1.4	11.0	140	13.500	0.0111	500/R
C01J5026502	2 x 2.5	2.5	50/0.26	2.04	0.8	1.4	12.5	175	7.980	0.0092	500/R
C01J5026004	2 x 4	4	56/0.31	2.59	0.9	1.6	14.5	250	4.95	0.0084	500/R
C01J5026006	2 x 6	6	84/0.31	3.59	0.9	1.6	16.0	330	3.300	0.0071	500/R
C01J5026010	2 x 10	10	80/0.41	4.67	1.1	1.8	20.0	515	1.91	0.0068	500/R
C01J5026016	2 x 16	16	126/0.41	5.86	1.1	2.2	23.0	735	1.21	0.0050	500/R
C01J5026025	2 x 25	25	196/0.41	7.31	1.3	2.4	27.5	1,075	0.78	0.0048	500/R
C01J5026035	2 x 35	35	276/0.41	8.67	1.3	2.6	31.0	1,410	0.554	0.0041	500/R

C = Packing in coil

R = Packing in reel

Building Wire & Low Voltage Power Cable



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Anneal copper, bunch stranded (Class 5) Sizes 1 sq.mm. up to 35 sq.mm.	Building wiring for installation on cable tray, conduit, direct burial in ground and using for electrical home apparatus.	Maximum conductor temperature 70°C
Insulation	Polyvinyl chloride (PVC/D) Colour : Brown, Black, Grey		Circuit voltage does not exceed 750 volts.
Sheath	Polyvinyl chloride (PVC/ST5) Colour : Black		
		REFERENCE	NOTE
		 TIS 11-2559 Part 101 Table 7 AC Test Voltage : 2.5 kV	

CTW VCT		Conductor			Thickness of Insulation	Thickness of Sheath	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C	Minimum Insulation Resistance at 70°C	Standard Packing
		Nominal Cross-Sectional Area sq.mm.	Min.Number and Ma. Dia. of Wire	Diameter (Approx.) mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
PRODUCT CODE	SIZE core x sq.mm.	sq.mm.	No./mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
C01J5036001	3 x 1	1	32/0.21	1.31	0.8	1.4	10.5	135	19.500	0.0127	500/R
C01J5036501	3 x 1.5	1.5	30/0.26	1.58	0.8	1.4	11.5	160	13.500	0.0111	500/R
C01J5036502	3 x 2.5	2.5	50/0.26	2.04	0.8	1.4	13.0	205	7.980	0.0092	500/R
C01J5036004	3 x 4	4	56/0.31	2.59	0.9	1.6	15.5	300	4.95	0.0084	500/R
C01J5036006	3 x 6	6	84/0.31	3.59	0.9	1.8	17.5	420	3.300	0.0071	500/R
C01J5036010	3 x 10	10	80/0.41	4.67	1.1	2.0	21.5	655	1.91	0.0068	500/R
C01J5036016	3 x 16	16	126/0.41	5.86	1.1	2.4	25.0	940	1.21	0.0050	500/R
C01J5036025	3 x 25	25	196/0.41	7.31	1.3	2.6	30.0	1,380	0.78	0.0048	500/R
C01J5036035	3 x 35	35	276/0.41	8.67	1.3	2.8	33.5	1,815	0.554	0.0041	500/R

C = Packing in coil

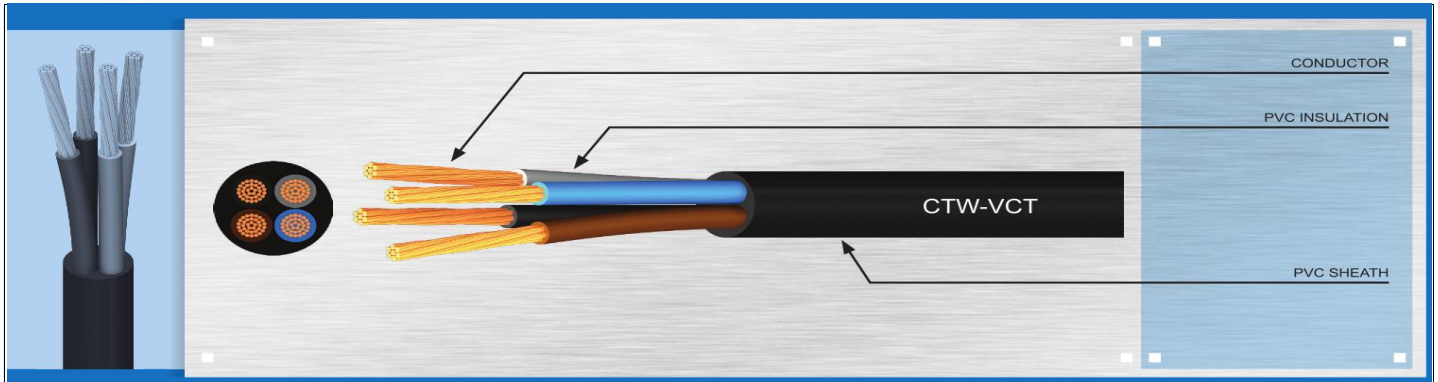
R = Packing in reel



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW-VCT**

450/750 V 70°C PVC INSULATED AND SHEATHED, FLEXIBLE FOUR CORES



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Anneal copper, bunch stranded (Class 5) Sizes 1 sq.mm. up to 35 sq.mm.	Building wiring for installation on cable tray, conduit, direct burial in ground and using for electrical home apparatus.	Maximum conductor temperature 70°C
Insulation	Polyvinyl chloride (PVC/D) Colour : Blue, Brown, Black, Grey		Circuit voltage does not exceed 750 volts.
Sheath	Polyvinyl chloride (PVC/ST5) Colour : Black		
		REFERENCE	NOTE
		 TIS 11-2559 Part 101 Table 7 AC Test Voltage : 2.5 kV	

CTW VCT		Conductor			Thickness of Insulation	Thickness of Sheath	Overall Diameter (Approx.)	Cable Weight (Approx.)	Maximum Conductor Resistance at 20°C	Minimum Insulation Resistance at 70°C	Standard Packing
		Nominal Cross-Sectional Area sq.mm.	Min.Number and Ma. Dia. of Wire	Diameter (Approx.) mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
PRODUCT CODE	SIZE core x sq.mm.	sq.mm.	No./mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
C01J5046001	4 x 1	1	32/0.21	1.31	0.8	1.6	12.0	170	19.500	0.0127	500/R
C01J5046501	4 x 1.5	1.5	30/0.26	1.58	0.8	1.6	12.5	200	13.500	0.0111	500/R
C01J5046502	4 x 2.5	2.5	50/0.26	2.04	0.8	1.6	15.0	260	7.980	0.0092	500/R
C01J5046004	4 x 4	4	56/0.31	2.59	0.9	1.8	17.0	380	4.95	0.0084	500/R
C01J5046006	4 x 6	6	84/0.31	3.59	0.9	2.0	19.5	535	3.300	0.0071	500/R
C01J5046010	4 x 10	10	80/0.41	4.67	1.1	2.2	24.0	835	1.91	0.0068	500/R
C01J5046016	4 x 16	16	126/0.41	5.86	1.1	2.6	28.0	1,195	1.21	0.0050	500/R
C01J5046025	4 x 25	25	196/0.41	7.31	1.3	2.8	33.0	1,755	0.78	0.0048	500/R
C01J5046035	4 x 35	35	276/0.41	8.67	1.3	3.1	37.0	2,330	0.554	0.0041	500/R

C = Packing in coil

R = Packing in reel

Building Wire & Low Voltage Power Cable