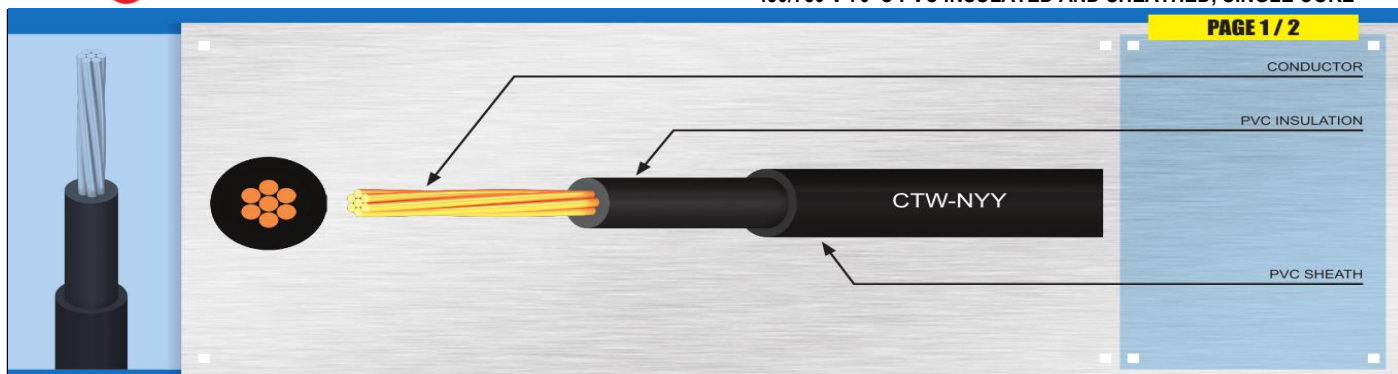


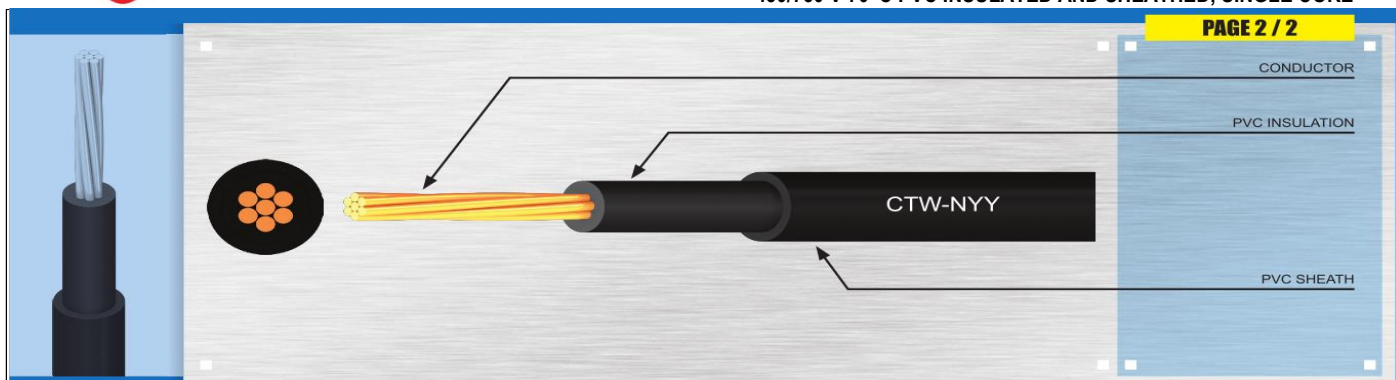


CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Anneal copper, solid (Class 1) or stranded (Class 2) Sizes 1 sq.mm. up to 500 sq.mm.	Building wiring for installation on cable tray, conduits and direct burial in ground.	Maximum conductor temperature 70°C
Insulation	Polyvinyl chloride (PVC/C) Colour : Black		Circuit voltage does not exceed 750 volts.
Sheath	Polyvinyl chloride (PVC/ST4) Colour : Black		
		REFERENCE	NOTE
		 TIS 11-2559 Part 101 Table 3 AC Test Voltage : 2.5 kV	

CTW-NYY (Single Core)		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	Number of Wire	Diameter (Approx.)							
PRODUCT CODE	SIZE core x sq.mm.	sq.mm.	No.	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
C0186011001	1 x 1	1	1	1.12	1.5	1.8	8.6	90	18.10	0.0207	100/C
C0186014001	1 x 1	1	7	1.29	1.5	1.8	8.8	95	18.10	0.0200	100/C
C0186011501	1 x 1.5	1.5	1	1.37	1.5	1.8	9.0	95	12.10	0.0184	100/C
C0186014501	1 x 1.5	1.5	7	1.56	1.5	1.8	9.2	100	12.10	0.0175	100/C
C0186011502	1 x 2.5	2.5	1	1.74	1.5	1.8	9.4	110	7.41	0.0157	100/C
C0186014502	1 x 2.5	2.5	7	2.01	1.5	1.8	9.8	120	7.41	0.0146	100/C
C0186011004	1 x 4	4	1	2.21	1.5	1.8	10.0	130	4.61	0.0135	100/C
C0186014004	1 x 4	4	7	2.52	1.5	1.8	10.5	140	4.61	0.0124	100/C
C0186014006	1 x 6	6	7	3.09	1.5	1.8	11.0	170	3.08	0.0107	100/C
C0186014010	1 x 10	10	7	3.99	1.5	1.8	12.0	220	1.83	0.0088	1000/R
C0186014016	1 x 16	16	7	5.04	1.5	1.8	13.0	295	1.15	0.0074	1000/R
C0186014025	1 x 25	25	7	6.33	1.5	1.8	14.5	400	0.727	0.0061	1000/R
C0186014035	1 x 35	35	7	7.47	1.5	1.8	16.0	510	0.524	0.0053	1000/R
C0186014050	1 x 50	50	19	8.80	1.5	1.8	17.0	640	0.387	0.0046	1000/R
C0186014070	1 x 70	70	19	10.55	1.5	1.8	19.0	860	0.268	0.0039	1000/R
C0186014095	1 x 95	95	19	12.45	1.7	1.8	21.5	1,155	0.193	0.0038	1000/R
C0186014120	1 x 120	120	37	14.00	1.7	1.8	23.0	1,400	0.153	0.0034	1000/R

C = Packing in coil

R = Packing in reel



CONSTRUCTION		APPLICATION	CLASSIFICATION
Conductor	Anneal copper, solid (Class 1) or stranded (Class 2) Sizes 1 sq.mm. up to 500 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 : Black		Circuit voltage does not exceed 750 volts.
Sheath	Polyvinyl chloride (PVC/ST4) Colour : Black		
		REFERENCE	NOTE
		 TIS 11-2559 Part 101 Table 3 AC Test Voltage : 2.5 kV	

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C = Packing in coil

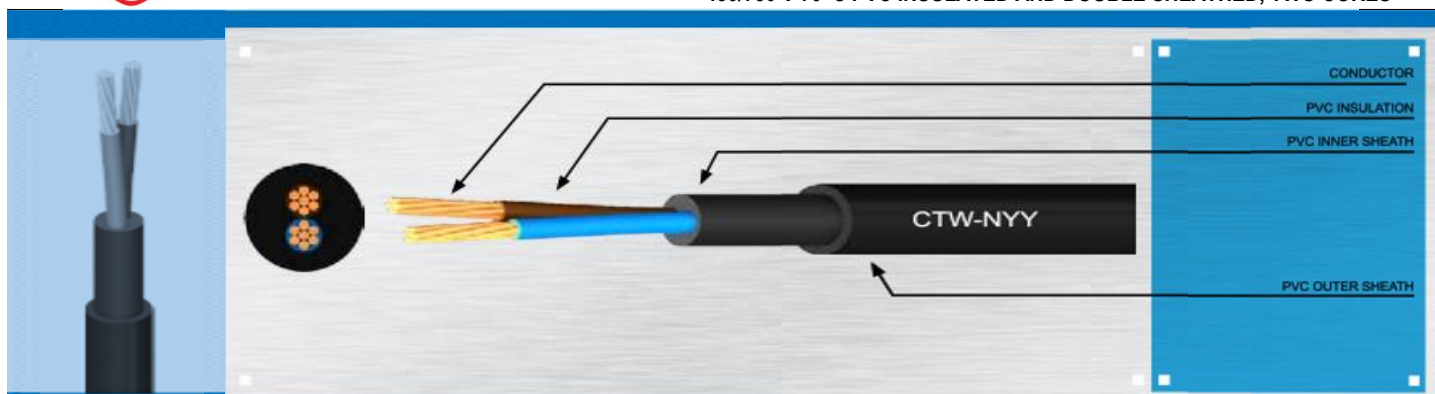
R = Packing in reel



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW- NYY**

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



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		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 4 AC Test Voltage : 2.5 kV	

CTW-NYY Multi Cores		Conductor			Thickness of Insulation	Thickness of Inner Sheath	Thickness of Outer 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.	Number of Wire No.	Diameter (Approx.) mm	mm	mm	mm	mm	kg/km	Ω/km	MΩ-km	m
PRODUCT CODE	SIZE core x sq.mm.											
C0186021001	2 x 1	1	1	1.12	0.8	0.8	1.8	12.0	175	18.1000	0.0141	100/C
C0186024001	2 x 1	1	7	1.29	0.8	0.8	1.8	12.5	185	18.1000	0.0135	100/C
C0186021501	2 x 1.5	1.5	1	1.37	0.8	0.8	1.8	12.5	195	12.1000	0.0123	100/C
C0186024501	2 x 1.5	1.5	7	1.56	0.8	0.8	1.8	13.0	210	12.1000	0.0116	100/C
C0186021502	2 x 2.5	2.5	1	1.74	0.8	0.8	1.8	13.5	230	7.4100	0.0102	100/C
C0186024502	2 x 2.5	2.5	7	2.01	0.8	0.8	1.8	14.0	250	7.4100	0.0093	100/C
C0186021004	2 x 4	4	1	2.21	0.9	0.8	1.8	15.0	295	4.6100	0.0094	100/C
C0186024004	2 x 4	4	7	2.52	0.9	0.8	1.8	15.5	320	4.6100	0.0085	100/C
C0186024006	2 x 6	6	7	3.09	0.9	0.8	1.8	17.0	395	3.0800	0.0073	100/C
C0186024010	2 x 10	10	7	3.99	1.1	0.8	1.8	19.5	545	1.8300	0.0069	1000/R
C0186024016	2 x 16	16	7	5.04	1.1	0.8	2.0	22.5	745	1.1500	0.0057	1000/R
C0186024025	2 x 25	25	7	6.33	1.3	1.2	2.0	27.0	1,100	0.7270	0.0054	1000/R
C0186024035	2 x 35	35	7	7.47	1.3	1.2	2.0	29.5	1,375	0.5240	0.0047	1000/R
C0186024050	2 x 50	50	19	8.80	1.5	1.2	2.2	33.5	1,800	0.3870	0.0046	1000/R
C0186024070	2 x 70	70	19	10.55	1.5	1.5	2.2	38.0	2,405	0.2680	0.0039	1000/R
C0186024095	2 x 95	95	19	12.45	1.7	1.5	2.2	42.5	3,175	0.1930	0.0038	500/R
C0186024120	2 x 120	120	37	14.00	1.7	1.5	2.4	46.5	3,855	0.1530	0.0034	500/R
C0186024150	2 x 150	150	37	15.54	1.9	1.8	2.6	52.0	4,760	0.1240	0.0034	500/R
C0186024185	2 x 185	185	37	17.43	2.1	1.8	2.8	57.0	5,860	0.0991	0.0034	500/R
C0186024240	2 x 240	240	61	19.98	2.3	2.0	3.0	64.0	7,535	0.0754	0.0033	300/R
C0186024300	2 x 300	300	61	22.41	2.5	2.0	3.2	70.5	9,290	0.0601	0.0032	300/R

C = Packing in coil
R = Packing in reel

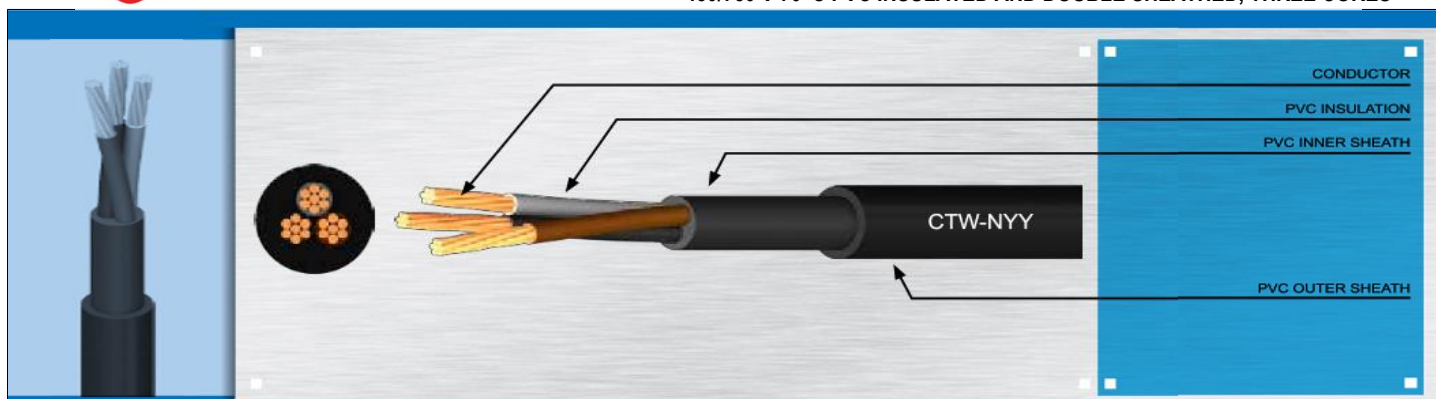
Building Wire & Low Voltage Power Cable



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW- NYY**

450/750 V 70°C PVC INSULATED AND DOUBLE SHEATHED, THREE CORES



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 : Brown, Black, Grey		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 4 AC Test Voltage : 2.5 kV	

CTW-NYY Multi Cores		Conductor			Thickness of Insulation mm	Thickness of Inner Sheath mm	Thickness of Outer Sheath mm	Overall Diameter (Approx.) mm	Cable Weight (Approx.) kg/km	Maximum Conductor Resistance at 20°C Ω/km	Minimum Insulation Resistance at 70°C MΩ-km	Standard Packing m
		Nominal Cross- Sectional Area sq.mm.	Number of Wire No.	Diameter (Approx.) mm								
PRODUCT CODE	SIZE core x sq.mm.											
C0186031001	3 x 1	1	1	1.12	0.8	0.8	1.8	12.5	195	18.1	0.0141	100/C
C0186034001	3 x 1	1	7	1.29	0.8	0.8	1.8	13.0	215	18.1	0.0135	100/C
C0186031501	3 x 1.5	1.5	1	1.37	0.8	0.8	1.8	13.0	220	12.1	0.0123	100/C
C0186034501	3 x 1.5	1.5	7	1.56	0.8	0.8	1.8	13.5	240	12.1	0.0116	100/C
C0186031502	3 x 2.5	2.5	1	1.74	0.8	0.8	1.8	14.0	265	7.41	0.0102	100/C
C0186034502	3 x 2.5	2.5	7	2.01	0.8	0.8	1.8	15.0	290	7.41	0.0093	100/C
C0186031004	3 x 4	4	1	2.21	0.9	0.8	1.8	15.5	350	4.61	0.0094	100/C
C0186034004	3 x 4	4	7	2.52	0.9	0.8	1.8	16.5	380	4.61	0.0085	100/C
C0186034006	3 x 6	6	7	3.09	0.9	0.8	1.8	18.0	470	3.08	0.0073	1000/R
C0186034010	3 x 10	10	7	3.99	1.1	0.8	1.8	20.5	665	1.83	0.0069	1000/R
C0186034016	3 x 16	16	7	5.04	1.1	1.2	2.0	24.5	965	1.15	0.0057	1000/R
C0186034025	3 x 25	25	7	6.33	1.3	1.2	2.0	28.5	1,370	0.727	0.0054	1000/R
C0186034035	3 x 35	35	7	7.47	1.3	1.2	2.0	31.5	1,745	0.524	0.0047	1000/R
C0186034050	3 x 50	50	19	8.80	1.5	1.5	2.2	36.0	2,340	0.387	0.0046	1000/R
C0186034070	3 x 70	70	19	10.55	1.5	1.5	2.2	40.5	3,095	0.268	0.0039	500/R
C0186034095	3 x 95	95	19	12.45	1.7	1.5	2.4	46.0	4,155	0.193	0.0038	500/R
C0186034120	3 x 120	120	37	14.00	1.7	1.8	2.6	50.5	5,120	0.153	0.0034	500/R
C0186034150	3 x 150	150	37	15.54	1.9	1.8	2.8	56.0	6,225	0.124	0.0034	300/R
C0186034185	3 x 185	185	37	17.43	2.1	2.0	3.0	61.5	7,755	0.0991	0.0034	300/R
C0186034240	3 x 240	240	61	19.98	2.3	2.0	3.2	69.0	9,925	0.0754	0.0033	300/R
C0186034300	3 x 300	300	61	22.41	2.5	2.2	3.4	76.0	12,320	0.0601	0.0032	100/R

C = Packing in coil

R = Packing in reel

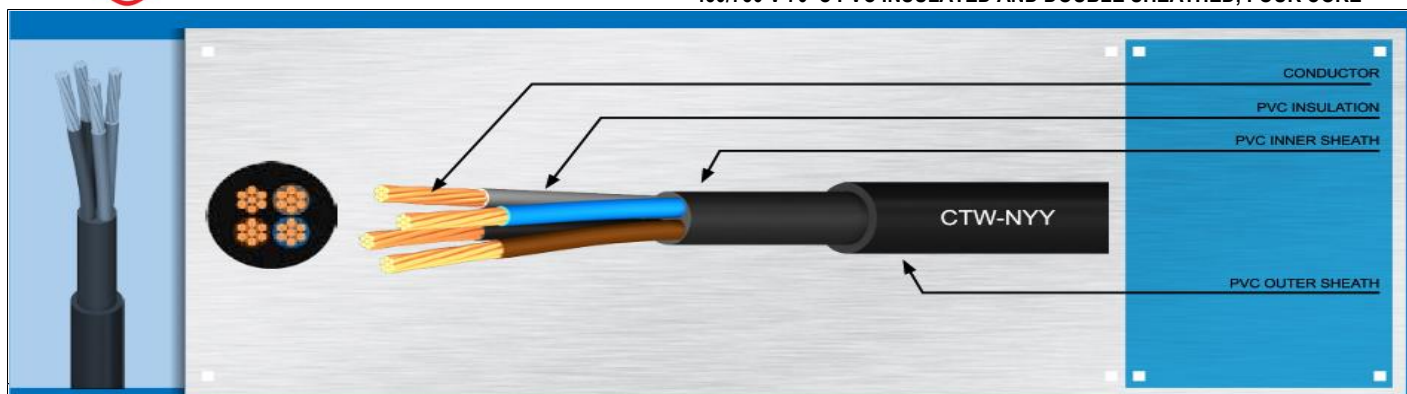
Building Wire & Low Voltage Power Cable



CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : CTW- NYY

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



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		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 4 AC Test Voltage : 2.5 kV	

CTW-NYY Multi Cores		Conductor			Thickness of Insulation	Thickness of Inner Sheath	Thickness of Outer 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.	Number of Wire No.	Diameter (Approx.) mm	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
C0186041001	4 x 1	1	1	1.12	0.8	0.8	1.8	13.5	225	18.1	0.0141	1000/R
C0186044001	4 x 1	1	7	1.29	0.8	0.8	1.8	14.0	245	18.1	0.0135	1000/R
C0186041501	4 x 1.5	1.5	1	1.37	0.8	0.8	1.8	14.0	255	12.1	0.0123	1000/R
C0186044501	4 x 1.5	1.5	7	1.56	0.8	0.8	1.8	14.5	275	12.1	0.0116	1000/R
C0186041502	4 x 2.5	2.5	1	1.74	0.8	0.8	1.8	15.0	310	7.41	0.0102	1000/R
C0186044502	4 x 2.5	2.5	7	2.01	0.8	0.8	1.8	16.0	340	7.41	0.0093	1000/R
C0186041004	4 x 4	4	1	2.21	0.9	0.8	1.8	17.0	415	4.61	0.0094	1000/R
C0186044004	4 x 4	4	7	2.52	0.9	0.8	1.8	17.5	450	4.61	0.0085	1000/R
C0186044006	4 x 6	6	7	3.09	0.9	0.8	1.8	19.0	565	3.08	0.0073	1000/R
C0186044010	4 x 10	10	7	3.99	1.1	0.8	2.0	23.0	835	1.83	0.0069	1000/R
C0186044016	4 x 16	16	7	5.04	1.1	1.2	2.0	26.5	1,190	1.15	0.0057	1000/R
C0186044025	4 x 25	25	7	6.33	1.3	1.2	2.0	31.0	1,710	0.727	0.0054	1000/R
C0186044035	4 x 35	35	7	7.47	1.3	1.5	2.2	35.0	2,270	0.524	0.0047	1000/R
C0186044050	4 x 50	50	19	8.80	1.5	1.5	2.2	39.5	2,935	0.387	0.0046	1000/R
C0186044070	4 x 70	70	19	10.55	1.5	1.5	2.4	44.5	3,940	0.268	0.0039	500/R
C0186044095	4 x 95	95	19	12.45	1.7	1.8	2.6	51.5	5,380	0.193	0.0038	500/R
C0186044120	4 x 120	120	37	14.00	1.7	1.8	2.8	56.0	6,540	0.153	0.0034	300/R
C0186044150	4 x 150	150	37	15.54	1.9	2.0	3.0	62.0	8,015	0.124	0.0034	300/R
C0186044185	4 x 185	185	37	17.43	2.1	2.0	3.2	68.0	9,930	0.0991	0.0034	300/R
C0186044240	4 x 240	240	61	19.98	2.3	2.2	3.4	76.5	12,780	0.0754	0.0033	100/R
C0186044300	4 x 300	300	61	22.41	2.5	2.2	3.8	85.0	15,870	0.0601	0.0032	100/R

C = Packing in coil

R = Packing in reel

Building Wire & Low Voltage Power Cable