

# NMWU 300V Wire Copper

- Conductor** Two or three stranded copper conductors with bare bonding wire
- Insulation** Thermoplastic Polyvinyl Chloride (PVC)
- Jacket** Nylon inner jacket with sunlight, moisture and fungus resistant PVC overall jacket
- Temperature** -40°C for 2C AWG 14 to 6, and -25°C for all other sizes to +60°C  
-10°C for 3C to +60°C
- Jacket Colour** Black
- Application** For direct earth burial (with protection as required by the inspection authority). For wiring exposed to the weather. For Category 1 and 2 locations (Ref CE Code Part 1 Section 2) including barns, stables, etc. For open and concealed wiring wet or dry locations where not exposed to mechanical injury. Specifically designed for heating circuits.
- Approvals** CSA Spec C22.2 No. 48-M90
- Colour Coding** 2 Conductors - Black, White  
3 Conductors - Black, Red, White



Product Code	Size AWG	# of Cond.	Ground Wire Size AWG	Insulation Thickness		Jacket Thickness		Approx. Overall Dimensions		Approx Net Cable Weight Copper Conductors		Ampacity 30°C Ambient (amps)
				mm	in	mm	in	mm	in	kg/km	lbs/mft	
250170	14 (1)	2	14 (1)	1.52	.060	0.76	.030	6.3x12.7	.25x.50	142	95	15
250180	12 (1)	2	14 (1)	1.52	.060	0.76	.030	6.8x13.6	.27x.53	173	117	20
250190	10 (1)	2	12 (1)	1.52	.060	0.76	.030	7.3x15.1	.29x.59	234	157	30
250200	8 (7)	2	10 (1)	1.91	.075	1.14	.045	9.9x20.0	.39x.79	402	270	40
250210	6 (7)	2	10 (1)	2.29	.090	1.14	.045	11.6x23.5	.46x.92	565	379	55***

**NOTE: 2/C cables sizes #4 AWG and larger and all 3/C cables are twisted**

250250	14 (1)	3	14 (1)	1.52	.060	0.76	.030	11.9	.47	181	122	15
250260	12 (1)	3	14 (1)	1.52	.060	0.76	.030	12.8	.50	227	152	20
250270	10 (1)	3	12 (1)	1.52	.060	0.76	.030	13.9	.55	306	205	30
250280	8 (7)	3	10 (1)	1.91	.075	1.14	.045	18.6	.73	523	351	40
250290	6 (7)	3	10 (1)	2.29	.090	1.14	.045	22.3	.88	752	505	55***
250300	4 (7)	3	8 (7)	2.29	.090	1.52	.060	25.6	1.01	1098	738	70
250310	2 (7)	3	8 (7)	2.29	.090	2.03	.080	29.8	1.17	1591	1069	100

\*\*\*For 3-wire 120/240 and 120/208 volt residential services or sub-services, the allowable ampacity for size #6 AWG shall be 60 amperes. In this case, the 5% adjustment per Rule 8-106(1) cannot be applied.