

NMWU 300V 60°C

Description Two or three copper conductors with extra thickness of 60C PVC insulation. Bare bonding wire and an overall PVC jacket. Rated 300 volts.

Temperature -10°C to +60°C

Jacket Colour Black

Approvals CSA Spec C22.2 No. 48-M90

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.



Product Code	Size AWG	No. of Cond.	Bonding Wire Size AWG (copper)	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

Jacket Colours: Black is standard and is sunlight resistant. White non-sunlight resistant stock is available. White sunlight resistant jackets are available on request.

Conductor Insulation Colours: 2 Conductors - Black, White
3 Conductors - Black, Red, White

***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.