

DESCRIPTION

NMWU cables are of a 2 or 3 conductor construction with an additional copper bonding wire. The conductors feature a thick PVC insulation. Wire sizes 14 through 10 have solid copper conductors while sizes 8 through 2 are a stranded copper construction (7 strands). This product is RoHS compliant.

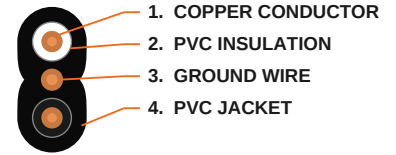
SUNLIGHT RESISTANCE

The black jacketing provides UV resistance. The products are indicated as such with “SUN/SOL RESISTANT” included in the markings.

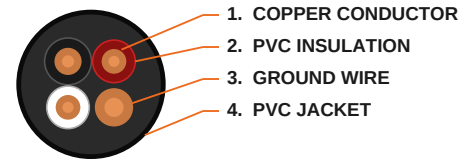
APPLICATIONS

This cable is approved for use in both dry and wet locations. When not concealed, the wire must not be exposed to mechanical damage. Approved for direct earth burial (with protection as required by inspection authority). The minimum recommended handling temperature is –25°C for 2 conductor flat cables and –10°C for 2 & 3 conductor *round* cables, assuming suitable handling procedures. The maximum conductor temperature should not exceed 60°C.

NMWU – 2 CONDUCTOR



NMWU – 3 CONDUCTOR



COND SIZE		# OF COND	MIN. INSUL.		MIN. JACKET		GND WIRE		COND STRAND	APPROX. OD	
AWG	mm ²		inch	mm	inch	mm	AWG	mm ²		inch	mm
14	2.08	2	0.060	1.52	0.030	0.76	14	2.08	Solid	0.492	12.5
14	2.08	3	0.060	1.52	0.030	0.76	14	2.08	Solid	0.504	12.8
12	3.31	2	0.060	1.52	0.030	0.76	14	2.08	Solid	0.526	13.4
12	3.31	3	0.060	1.52	0.030	0.76	14	2.08	Solid	0.544	13.8
10	5.26	2	0.060	1.52	0.030	0.76	12	3.31	Solid	0.585	14.9
10	5.26	3	0.060	1.52	0.030	0.76	12	3.31	Solid	0.595	15.1
8	8.37	2	0.075	1.91	0.045	1.14	10	5.26	7	0.775	19.7
8	8.37	3	0.075	1.91	0.045	1.14	10	5.26	7	0.794	20.2
6	13.3	2	0.090	2.29	0.045	1.14	8	8.37	7	0.948	24.1
6	13.3	3	0.090	2.29	0.045	1.14	8	8.37	7	0.954	24.2

PRINT / MARKINGS

##AWG #CDR NMWU CABLES PTI CABLES INC. SUN/SOL RESISTANT FT1 300V (–25C)* CSA DD/MM/YY
HH:MM *(IF APPLICABLE)



RoHS
COMPLIANT