



Three & Four Conductor Aluminum ACWU 600V XLPE Insulation

PWC Part Number	Conductor Size (AWG/kcmil)	Ground Wire Size (AWG)	Min. Avg. Insulation Thickness (mm)	Nominal Diameter			Aluminum Weight (kg/km)	Net Weight (kg/km)
				Insulation (mm)	Armour (mm)	Cable (mm)		
Three Conductor								
6-03ACWU	6	8	0.76	6.76	19.89	22.33	137	484
4-03ACWU	4	6	1.02	7.87	23.32	25.76	216	657
2-03ACWU	2	6	1.02	9.27	26.52	28.96	316	840
1-03ACWU	1	4	1.27	10.62	29.59	32.03	409	1008
1/0-03ACWU	1/0	4	1.27	11.58	31.80	34.24	500	1166
2/0-03ACWU	2/0	4	1.27	12.60	34.11	36.55	616	1336
3/0-03ACWU	3/0	4	1.27	13.79	36.83	39.27	762	1559
4/0-03ACWU	4/0	4	1.27	15.06	39.75	42.19	947	1809
250-03ACWU	250	2	1.52	16.81	46.02	48.87	1146	2309
350-03ACWU	350	2	1.52	19.23	51.54	54.38	1563	2905
500-03ACWU	500	1	1.52	22.30	58.57	61.42	2224	3815
600-03ACWU	600	1	1.52	24.99	61.57	65.10	2667	4519
750-03ACWU	750	1/0	1.52	27.36	68.73	73.71	3307	5513
Four Conductor								
2-04ACWU	2	6	1.02	9.27	27.71	30.15	410	943
1-04ACWU	1	4	1.27	10.62	30.96	33.40	542	1149
1/0-04ACWU	1/0	4	1.27	11.58	33.30	35.74	648	1323
2/0-04ACWU	2/0	4	1.27	12.60	35.74	38.18	804	1543
3/0-04ACWU	3/0	4	1.27	13.79	40.92	43.76	998	1990
4/0-04ACWU	4/0	4	1.27	15.06	43.99	46.84	1243	2316
250-04ACWU	250	2	1.52	16.81	48.21	51.05	1497	2732
350-04ACWU	350	2	1.52	19.23	54.03	56.87	2052	3475
500-04ACWU	500	1	1.52	22.30	61.44	65.05	2925	4710
600-04ACWU	600	1	1.52	24.99	68.02	71.55	3515	5615
750-04ACWU	750	1/0	1.52	27.36	73.66	77.27	4358	6670

All values are nominal and subject to correction

Application: ACWU is for exposed and concealed wiring in wet or dry locations and where exposed to the weather. It is used in ventilated, non-ventilated and ladder type cable trays. ACWU is suitable for direct earth burial (with protection as required by inspection authority), as well as for service entrance above or below ground. Minimum recommended installation temperature is -25°C. Maximum conductor temperature is 90 °C.

Conductors: Compact soft drawn bare 8000 series aluminum, with Class B stranding

Insulation: Abrasion, heat, moisture, and sunlight resistant cross-linked polyethylene insulation (XLPE), 600 volt

Colour Code: Black/Red/Blue for three conductors, Black/Red/Blue/White for four conductors

Armour: Interlocked aluminum armour over the cabled conductors

Jacket: Abrasion, heat, moisture and sunlight resistant polyvinyl chloride (PVC) jacket, marked with sequential meter markings, -40°C, black

Standards: Meets or exceeds the following standards
CSA C22.2 No. 51 Armoured Cables
Sunlight Resistant, FT-4, AG-14

1-877-611-5122