



**Conductor:**  
6 AWG. to 750 kcmil (8000 series aluminum)  
compact class "B" strand

**Insulation:**  
Cross-linked Polyethylene (XLPE) Type RW90

**Colour Coding:**  
Black, White, Red, Blue  
Other colours available upon request

**Print:**  
NORTHERN CABLES™ SIZE AWG or mm<sup>2</sup> CMPCT AL  
ACM RW90 XLPE (-40C) 600V CSA, METER MARK

**CSA Licence:**  
LL109933

**Applications:**  
For exposed wiring in dry, damp, or wet locations  
For use in raceways, except cable trays, in dry, damp or wet locations.

**Features:**  
Rated at 90°C wet, dry  
Meets cold bend and impact tests at (-40°C)

**Compliances:**  
Industry compliances: CSA Standard C22.2 No.38  
RoHS

### 3 Conductor

COND. SIZE (AWG/kcmil)	GROUND SIZE	MIN. AVG. INSULATION THICKNESS		NOMINAL DIAMETER (OVER)				NET WEIGHT
				INSULATED SINGLE		CABLE		
		INCHES	mm	INCHES	mm	INCHES	mm	KG/KM
6	6	0.045	1.14	0.262	6.7	0.631	16.0	226
4	6	0.045	1.14	0.307	7.8	0.740	18.8	308
2	6	0.045	1.14	0.362	9.2	0.872	22.2	428
1	4	0.055	1.40	0.413	10.5	0.995	25.3	558
1/0	4	0.055	1.40	0.45	11.4	1.085	27.5	678
2/0	4	0.055	1.40	0.49	12.4	1.181	30.0	811
3/0	4	0.055	1.40	0.537	13.6	1.294	32.9	978
4/0	2	0.055	1.40	0.589	15.0	1.419	36.1	1187
250	2	0.065	1.65	0.656	16.7	1.581	40.2	1439
350	2	0.065	1.65	0.75	19.1	1.808	45.9	1909
500	1	0.065	1.65	0.872	22.1	2.102	53.4	2578
600	1	0.080	2.03	0.979	24.9	2.359	59.9	3112
750	1/0	0.080	2.03	1.074	27.3	2.588	65.7	3821

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

3, 4 CONDUCTOR XLPE,  
600 V CSA, (-40°C)

4 conductor

COND. SIZE (AWG/kcmil)	GROUND SIZE	MIN. AVG. INSULATION THICKNESS		NOMINAL DIAMETER (OVER)				NET WEIGHT
				INSULATED SINGLE		CABLE		
		INCHES	mm	INCHES	mm	INCHES	mm	KG/KM
6	6	0.045	1.14	0.262	6.7	0.707	18.0	280
4	6	0.045	1.14	0.307	7.8	0.829	21.1	388
2	6	0.045	1.14	0.362	9.2	0.977	24.8	547
1	4	0.055	1.40	0.413	10.5	1.115	28.3	711
1/0	4	0.055	1.40	0.45	11.4	1.215	30.9	850
2/0	4	0.055	1.40	0.49	12.4	1.323	33.6	1021
3/0	4	0.055	1.40	0.537	13.6	1.450	36.8	1236
4/0	2	0.055	1.40	0.589	15.0	1.590	40.4	1504
250	2	0.065	1.65	0.656	16.7	1.771	45.0	1827
350	2	0.065	1.65	0.75	19.1	2.025	51.4	2435
500	1	0.065	1.65	0.872	22.1	2.354	59.8	3369
600	1	0.080	2.03	0.979	24.9	2.643	67.1	4080
750	1/0	0.080	2.03	1.074	27.3	2.900	73.7	5011

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