

# USEB90 600 Volts

## 2C300 CMPT AL XLP C/N 70% PVC

**Contact**  
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Underground Distribution Cables. Jacketed Two-Conductor Parallel

### DESCRIPTION

Compact stranded aluminum conductors  
 Black cross-linked polyethylene insulation with colour coded stripe  
 Full or reduced copper concentric neutral conductor  
 Black sunlight resistant PVC jacket  
 CSA C22.2 No.52



### STANDARDS

National CSA C22.2 N° 52

### CHARACTERISTICS

#### Construction characteristics

Conductor material	Aluminum
Insulation	PVC or XLPE

#### Dimensional characteristics

Number of strands	2
Conductor diameter	27.34 mm
Approximate net weight	2001 kg/km
Conductor cross-section (AWG)	300

#### Electrical characteristics

Maximum operating voltage	600 V
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#### Usage characteristics

Maximum operating temperature	90 °C
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### JACKETED USEB90

Size (AWG/kcmil)	Insulation Thickness (mm)	Neutral Construction		Jacket Thickness (mm)	Approximate Overall Dimensions (mm)		Linear Mass (kg/km)	
		Full No. x Dia.	Reduced No. x Dia.		Full Neutral	Reduced	Full	Reduced
6	1.1	7 x 1.29	4 x 1.29	1.5	12.7 x 19.5	12.7 x 19.5	285	250
4	1.1	10 x 1.29	6 x 1.29	2.0	14.9 x 22.8	14.9 x 22.8	440	390
2	1.1	16 x 1.29	10 x 1.29	2.0	16.3 x 25.6	16.3 x 25.6	610	540
1	1.4	20 x 1.29	12 x 1.29	2.0	17.7 x 28.4	17.7 x 28.4	760	660
1/0	1.4	25 x 1.29	15 x 1.29	2.0	18.5 x 30.0	18.5 x 30.0	900	780
2/0	1.4	20 x 1.63	19 x 1.29	2.0	20.2 x 32.8	19.6 x 32.2	1100	920
3/0	1.4	25 x 1.63	24 x 1.29	2.0	21.4 x 35.2	20.8 x 34.4	1300	1120
4/0	1.4	20 x 2.05	21 x 1.63	2.0	23.6 x 38.8	22.8 x 37.8	1600	1340
250	1.7	25 x 2.05	23 x 1.63	2.0	25.4 x 42.2	24.6 x 41.4	1900	1600
300	1.7	20 x 2.59	20 x 2.05	2.8	28.6 x 46.2	27.3 x 44.9	2390	2000

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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350	1.7	24 x 2.59	25 x 2.05	2.8	30.4 x 49.6	29.4 x 48.6	2700	2250
500	1.7	30 x 2.59	30 x 2.05	2.8	33.6 x 57.0	32.4 x 55.0	3650	3100