

USEB90 600 V

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
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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
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