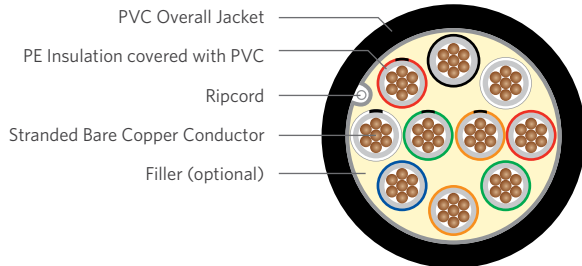


# PE/PVC/PVC, 600V Control (20/10)

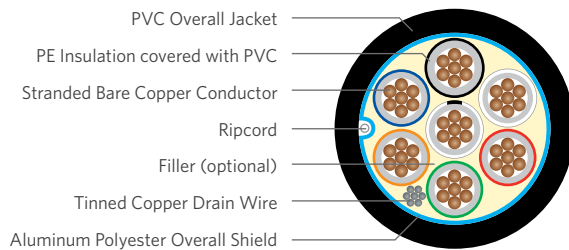
Series E2BD



Series E2BDA



Series E2BDB



## PRODUCT DESCRIPTION

The Superior Essex PE/PVC/PVC, 600V (20/10) Control Cables consist of fully annealed bare copper Class B stranded conductors, covered with natural colored Polyethylene (PE) and colored Polyvinyl Chloride (PVC) insulation and black PVC jacket. These cables are used in industrial power or station control circuits.

## APPLICATIONS

- In conduit, duct, free air, raceways and direct burial, primary installations include cable trays, and outdoor locations
- In wet or dry locations
- Approved for direct burial, Class I Div. 2 industrial hazardous locations per NEC

## FEATURES

- Rated at 75°C
- Ripcord (for jackets under 60-mils)
- Excellent sunlight resistance
- Cold bend and cold impact resistant
- Smallest OD available for suitable applications

## SPECIFICATIONS

<b>Conductor Count</b>	Available in 2 through 37 conductors
<b>Conductor</b>	Fully annealed bare copper Class B compressed strand
<b>Gauge Sizes</b>	Available in 14 through 10 AWG
<b>Insulation</b>	Polyethylene (PE) with Polyvinyl Chloride (PVC)
<b>Color Coding</b>	Per ICEA S-58-679 Method 1, Table E-1; additional color coding options available
<b>Fillers</b>	Non-hygroscopic fillers, as necessary to obtain a circular cross section
<b>Ground Conductor (optional)</b>	Insulated or uninsulated ground copper conductor
<b>Shield (optional)</b>	Overall aluminum polyester foil in contact with 20 AWG stranded tinned copper drain wire
<b>Jacket</b>	Polyvinyl Chloride (PVC)
<b>Jacket Marking</b>	00000 FT SUPERIOR ESSEX XXAWG XX/C PE/PVC/PVC 600V 75°C WET OR DRY (20/10) MADE IN USA MMDDYYYY
<b>Packaging</b>	Non-returnable wood reels in a variety of lengths and dimensions
<b>Performance Compliance</b>	ASTM B8 ASTM B33 ICEA S-73-532/NEMA WC 57
<b>Other Compliances</b>	EPA 40 CFR, Part 261

## PRODUCT KEY

Conductor	Stranding	Voltage	Insulation	Shielding Options	Jacket
Cu	B	600V	PE PVC	NONE or OS Alum Mylar or OS Copper Tape	PVC

**PART NUMBERS AND PHYSICAL CHARACTERISTICS**

Part Number	Conductor Count	Conductor Size AWG	Insulation Thickness in (mm)	Jacket Thickness in (mm)	Overall Diameter in (mm)	Net Weight lbs/kft (kg/km)
E2BDA-141B02CA00	2	14	0.030 (0.76)	0.045 (1.14)	0.37 (9.4)	66 (98)
E2BDA-141B03CA00	3	14	0.030 (0.76)	0.045 (1.14)	0.39 (9.9)	87 (130)
E2BDA-141B04CA00	4	14	0.030 (0.76)	0.045 (1.14)	0.42 (10.7)	108 (161)
E2BDA-141B05CA00	5	14	0.030 (0.76)	0.045 (1.14)	0.46 (11.7)	130 (194)
E2BDA-141B07CA00	7	14	0.030 (0.76)	0.045 (1.14)	0.50 (12.7)	173 (258)
E2BDA-141B09CA00	9	14	0.030 (0.76)	0.060 (1.52)	0.62 (15.8)	236 (351)
E2BDA-141B12CA00	12	14	0.030 (0.76)	0.060 (1.52)	0.69 (17.5)	300 (447)
E2BDA-141B19CA00	19	14	0.030 (0.76)	0.060 (1.52)	0.80 (20.3)	443 (659)
E2BDA-121B02CA00	2	12	0.030 (0.76)	0.045 (1.14)	0.40 (10.2)	87 (130)
E2BDA-121B03CA00	3	12	0.030 (0.76)	0.045 (1.14)	0.43 (10.9)	116 (173)
E2BDA-121B04CA00	4	12	0.030 (0.76)	0.045 (1.14)	0.47 (11.9)	147 (219)
E2BDA-121B05CA00	5	12	0.030 (0.76)	0.045 (1.14)	0.52 (13.2)	180 (268)
E2BDA-121B07CA00	7	12	0.030 (0.76)	0.060 (1.52)	0.59 (15.0)	255 (380)
E2BDA-121B09CA00	9	12	0.030 (0.76)	0.060 (1.52)	0.68 (17.3)	321 (478)
E2BDA-121B12CA00	12	12	0.030 (0.76)	0.060 (1.52)	0.77 (19.6)	412 (613)
E2BDA-121B19CA00	19	12	0.030 (0.76)	0.060 (1.52)	0.94 (23.9)	654 (973)
E2BDA-101B02CA00	2	10	0.030 (0.76)	0.045 (1.14)	0.45 (11.4)	130 (194)
E2BDA-101B03CA00	3	10	0.030 (0.76)	0.045 (1.14)	0.48 (12.2)	170 (253)
E2BDA-101B04CA00	4	10	0.030 (0.76)	0.060 (1.52)	0.52 (13.2)	235 (350)
E2BDA-101B05CA00	5	10	0.030 (0.76)	0.060 (1.52)	0.60 (15.2)	286 (426)
E2BDA-101B07CA00	7	10	0.030 (0.76)	0.060 (1.52)	0.66 (16.8)	365 (543)
E2BDA-101B09CA00	9	10	0.030 (0.76)	0.060 (1.52)	0.76 (19.3)	466 (694)
E2BDA-101B12CA00	12	10	0.030 (0.76)	0.060 (1.52)	0.90 (22.9)	626 (932)
E2BDA-101B19CA00	19	10	0.030 (0.76)	0.060 (1.52)	1.05 (26.7)	930 (1,384)

The dimensions and weights shown are nominal and subject to industry standards. Other designs available upon request.