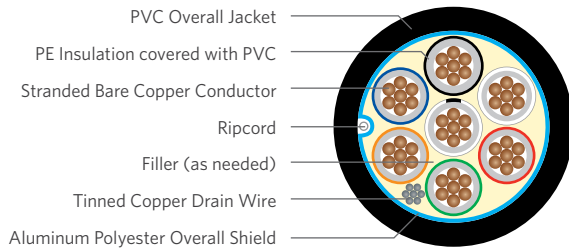
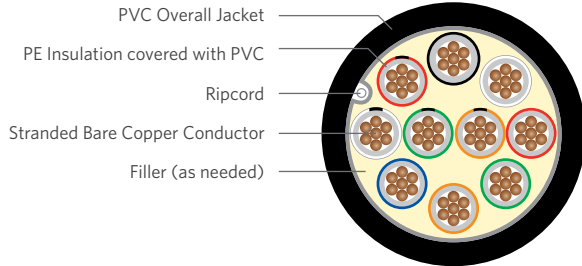


PE/PVC/PVC, 600V Control (20/10)

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 Class I, Div. 2 industrial hazardous locations per NEC

FEATURES

- Rated at 75°C wet or dry
- Ripcord (for jackets with thicknesses of 60-mils or less)
- Excellent sunlight resistance
- Cold bend and cold impact resistant
- Smallest OD available for suitable applications

MARKETS



SPECIFICATIONS

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

PRODUCT KEY

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

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Count	Conductor Size AWG	Nominal Insulation Thickness ¹ in (mm)	Nominal Jacket Thickness ¹ in (mm)	Nominal Overall Diameter ¹ in (mm)	Nominal Net Weight ¹ 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)

¹The dimensions and weights shown are nominal and subject to industry standards and manufacturing tolerances. Other designs available upon request.