

Bus Drop Cable



Product Description

PVC insulation
PVC jacket

Applications

For use as drop cable from overhead bus duct to floor machines. Installs quickly without use of conduit for fixed or temporary power applications. Resistant to oil, grease, acids, cutting fluids and mechanical abuse.

Specifications

- CONDUCTOR: Stranded, bare, soft copper
- INSULATION: Polyvinyl Chloride (PVC), per UL 83, color-coded black, white, red
- ASSEMBLY: Three insulated conductors and three uninsulated ground wires are cabled together with one ground wire in each interstice, jute filled, wrapped with a suitable separator
- OVERALL JACKET: Gray Polyvinyl Chloride (PVC)
- AMPACITY: Based on not more than three conductors in raceway or cable or earth per NEC Table 310.16 at a conductor temperature of 60°C and an ambient temperature of 30°C
- TEMPERATURE: 60°C
- VOLTAGE: 600 V

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Unless otherwise permitted in the NEC, the overcurrent protection shall not exceed 15 A for 14 AWG, 20 A for 12 AWG and 30 A for 10 AWG. Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG	No. of Strands	No. of Conductors	Ground Wires No. x AWG	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
3X-1403-09	14	7	3	3 x 18	0.030	0.045	0.400	120	20
3X-1203-09	12	7	3	3 x 16	0.030	0.045	0.440	165	25
3X-1003-09	10	7	3	3 x 14	0.030	0.045	0.500	230	30
3X-0803-09	8	7	3	3 x 14	0.045	0.060	0.670	265	40
3X-0603-09	6	7	3	3 x 14	0.060	0.060	0.810	520	55
3X-0403-09	4	7	3	3 x 12	0.060	0.080	0.950	810	70
3X-0203-09	2	7	3	3 x 12	0.060	0.080	1.100	1,050	95

Conductor Insulation Color Code chart ICEA Method 4: All conductors black*

Conductor	Conductor Printing	Conductor	Conductor Printing	Conductor	Conductor Printing
1 st	"1-ONE-1"	18 th	"18-EIGHTEEN-18"	35 th	"35-THIRTY-FIVE-35"
2 nd	"2-TWO-2"	19 th	"19-NINETEEN-19"	36 th	"36-THIRTY-SIX-36"
3 rd	"3-THREE-3"	20 th	"20-TWENTY-20"	37 th	"37-THIRTY-SEVEN-37"
4 th	"4-FOUR-4"	21 st	"21-TWENTY-ONE-21"	38 th	"38-THIRTY-EIGHT-38"
5 th	"5-FIVE-5"	22 nd	"22-TWENTY-TWO-22"	39 th	"39-THIRTY-NINE-39"
6 th	"6-SIX-6"	23 rd	"23-TWENTY-THREE-23"	40 th	"40-FORTY-40"
7 th	"7-SEVEN-7"	24 th	"24-TWENTY-FOUR-24"	41 st	"41-FORTY-ONE-41"
8 th	"8-EIGHT-8"	25 th	"25-TWENTY-FIVE-25"	42 nd	"42-FORTY-TWO-42"
9 th	"9-NINE-9"	26 th	"26-TWENTY-SIX-26"	43 rd	"43-FORTY-THREE-43"
10 th	"10-TEN-10"	27 th	"27-TWENTY-SEVEN-27"	44 th	"44-FORTY-FOUR-44"
11 th	"11-ELEVEN-11"	28 th	"28-TWENTY-EIGHT-28"	45 th	"45-FORTY-FIVE-45"
12 th	"12-TWELVE-12"	29 th	"29-TWENTY-NINE-29"	46 th	"46-FORTY-SIX-46"
13 th	"13-THIRTEEN-13"	30 th	"30-THIRTY-30"	47 th	"47-FORTY-SEVEN-47"
14 th	"14-FOURTEEN-14"	31 st	"31-THIRTY-ONE-31"	48 th	"48-FORTY-EIGHT-48"
15 th	"15-FIFTEEN-15"	32 nd	"32-THIRTY-TWO-32"	49 th	"49-FORTY-NINE-49"
16 th	"16-SIXTEEN-16"	33 rd	"33-THIRTY-THREE-33"	50 th	"50-FIFTY-50"
17 th	"17-SEVENTEEN-17"	34 th	"34-THIRTY-FOUR-34"		

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