



# MIL-DTL-13486E

## Low-Tension, Heavy-Duty, Single Conductor, Unshielded Cables

-60°F to 250°F

### Features

Tinned, type S conductors  
 250°F Chlorinated Polyethylene (CPE)  
 Fungus and Ozone Resistant materials  
 Combined sheath and insulation, Figure 2 Construction

### Applications

Electrical cables for use in low-tension circuits  
 Subjected to severe environmental conditions  
 Type 1 (Unshielded) and Class A (Single Conductor)

### Product Design Options

Custom diameter to meet design criteria  
 Packaging options: reels

<i>AWG size</i>	<i>Number of Strands</i>	<i>Strand Size (ga)</i>	<i>Nom Cond OD (in)</i>	<i>Nom Cond CMA</i>	<i>Nom OD (in)</i>	<i>Min Avg Wall (in)</i>	<i>Approx. Net Weight (lbs/mft)</i>	<i>Approx. Cu (lbs/mft)</i>
20	10	30	0.038	1,005	0.115	0.025	9	3
18	16	30	0.048	1,608	0.130	0.028	12	5
16	19	29	0.057	2,408	0.160	0.035	19	7
14	19	27	0.071	3,829	0.235	0.057	36	12
12	19	25	0.089	6,088	0.235	0.057	42	18
10	105	30	0.115	10,553	0.300	0.060	70	33
8	133	29	0.162	16,857	0.360	0.065	104	53

### **Customer Service Group**

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