



## Power Supply Systems Cable



**Overview:** This product is designed to meet or exceed test requirements called for by Underwriters Laboratories and the National Electric Code. It is recommended for use in accordance with UL and CSA for internal wiring of uninterruptible power supply equipment, UL Standard 1778. Cobra's X-FLEX® is also suitable for use in transformers, switchboard panels, controls, electronic circuits and meters. It can be used as battery cable, battery charger cable, motor lead, and power hookup cable. Approved for both the internal and external wiring of appliances.

### Standard

- UL AWM Styles: 758-1232-1283-1284-1337-1338-1339-10070-10269
- UL Standard 83
- BC-5W2 (6 AWG - 4/0)
- TEW A/B FT-1 (6 AWG - 4/0)
- AWM A/B FT-1 (250 MCM - 750 MCM)

**Voltage:** 600/1,000V

**Temperature rating:** 105°C Dry, 75°C Wet

**Stranding:** Class K 30-gauge bare copper. (Also available in tinned copper).

**Insulation:** This product offers a unique flame-retardant polyvinyl chloride compound (VW-1), and is moisture, abrasion, acid, diesel fuel and oil resistant.

#### 6 AWG (266x30) 2.08mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
A2006B	0.060	0.342	118	0.419	136

#### 4 AWG (420x30) 21.2mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
A2004B	0.060	0.386	157	0.263	189

#### 2 AWG (665x30) 33.6mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
A2002B	0.060	0.446	213	0.166	292

#### 1 AWG (836x30) 42.4mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
A2001B	0.080	0.520	246	0.132	350

#### 1/0 (1064x30) 53.5mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
A2110B	0.080	0.575	291	0.105	450

#### 2/0 (1330x30) 67.4mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
A2120B	0.080	0.610	336	0.0834	550

#### 3/0 (1672x30) 85.0mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
A2130B	0.080	0.685	392	0.0662	672

#### 4/0 (2109x30) 107mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
A2140B	0.080	0.745	454	0.0525	820

#### 250 MCM (2527x30) 127mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
AT250MB	0.100	0.835	510	0.0449	962

#### 350 MCM (3458x30) 177mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
A1350MB	0.100	0.965	638	0.0320	1280

#### 500 MCM (5054x30) 253mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
A1530MB	0.100	1.130	784	0.0735	1868

#### 600 MCM (5994x30) 304mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
A1600MB-06	0.110	1.191	847	0.0189	2202

#### 750 MCM (7448x30) 380mm<sup>2</sup>

cobra part no.	ins. thick (mils)	nom. Ø (in)	amps	Ω/1,000ft	lbs/1,000ft
A1750MB	0.115	1.380	951	0.0151	2719

\*Extra flexible conductor with soft drawn bare copper to ASTM Specifications B172. Also available in tinned copper.

\*\*The 105°C cable ampacities are adapted from ICEA P-54-440/NEMA WC51-86(R1991). The ampacities are provided for informational purposes only. Acceptance of these values by any governing authority is the responsibility of the end user. Ampacities are based on a single conductor, in free air, at 30°C ambient air temperature.

\*\*\*6 thru 2 AWG also UL1337, 1 thru 4/0 also UL 1338.

\*\*\*6 thru 4/0 AWG also UL 10070.

1/0 thru 750MCM "CT" approved 1/0 thru 500MCM FT4 rated.



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