X-FLEX®

POWER SUPPLY SYSTEMS CABLE

DESCRIPTION

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.

STRANDING

Class K 30 gauge bare copper. (Also available in tinned copper)

STANDARD

NEC Types: MTW & THW, UL AWM Styles: 1232-1283- 1284-1337-1338-1339-10070-10269, BC-5W2 on 6 AWG to 4/0 AWG, TEW A/B FT-1 on 6 AWG to 4/0 AWG, AWM A/B FT-1 on 250 MCM to 750 MCM

INSULATION

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

VOLTAGE

600/1000 Volts

TEMPERATURE

105°C Dry, 75°C Wet

Cobra Part Number	Size AWG	Stranding *	Insulation IN	Nominal OD IN	UL Style ***	AMPS **	Cable Weight LBs/MFT
A2006B	6	266 X 30	0.060	0.342	1232-1283-10269	118	136
A2004B	4	420 X 30	0.060	0.386	1232-1283-10269	157	189
A2002B	2	665 X 30	0.060	0.446	1232-1283-10269	213	292
A2001B	1	836 X 30	0.080	0.520	1232-1284-10269	246	350
A2110B	1/0	1064 X 30	0.080	0.575	1232-1284-10269	291	450
A2120B	2/0	1330 X 30	0.080	0.610	1232-1284-10269	336	551
A2130B	3/0	1672 X 30	0.080	0.685	1232-1284-10269	392	672
A2140B	4/0	2109 X 30	0.080	0.745	1232-1284-10269	454	820
AT250MB	250 MCM	2527 X 30	0.100	0.835	1284-1339-10269	510	962
A1350MB	350 MCM	3458 X 30	0.100	0.965	1284-1339-10269	638	1,280
A1530MB	500 MCM	5054 X 30	0.100	1.130	1284-1339-10269	784	1,868
A1750MB	750 MCM	7448 X 30	0.115	1.380	1284-10269	951	2,719

*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

Need Lugs? Click here to see lugs for X-Flex®

Print Legend

COBRA WIRE & CABLE X-FLEX® E NUMBER (UL) BC5W2 OR MTW OR THW FT4 OR AWM 1232/1284/1338/10070 600V OR 10269 1000V VW-1 SR AWG SIZE LL NUMBER CSA TEW 105°C 600V OR AWM I A/B 105°C 600V O FT1 ROHS COMPLIANT MADE IN USA (FOR SIZES 1/0 AND LARGER ADD “FOR CT USE")

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