

Caledonian

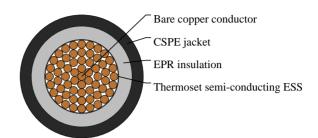
Industrial Cables (UL Standard)

www.caledonian-cables.com

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EPR/HYP, Medium-Voltage Power, Non-Shielded 2400V, UL Type MV-90 1C500AWG





APPLICATIONS

These cables are used in these applications: pulp and paper mills, petrochemical plants, sewage treatment facilities, water treatment plants, steel mills, textile mills, utility power generating stations, scrubbers and other environmental protections systems, railroad and mining facilities. Also, they are used in industrial and utility applications, where ease of installation is a major concern because of limited space and exposure to personnel is minimal, in wet or dry locations when installed in accordance with NEC, and use in aerial, conduit, open tray and underground duct installations.

STANDARDS

National Electric Code (NEC) ICEA S-96-659/NEMA WC71

UL 1072

FAA L824 specification for cable for Underground Airport Lighting Circuits

Listed "oil-resistant II"

Meets EPA 40 CFR, Part 261 for leachable lead content per TCLP method

VOLTAGE RATING

2400V

CABLE CONSTRUCTION

Conductor: Annealed bare copper Class B strand.

Extruded Strand Shield (ESS): Extruded thermoset semi-conducting stress-control layer over conductor. Insulation: Ethylene Propylene Rubber (EPR) insulation, colored to contrast with the black jacket material.

Jacket: Low-Lead Chlorosulfonated Polyethylene (CSPE)/ Elastomer blend.

DIMENSION AND PARAMETERS

AWG	Conduct											
Size	Diameter	Diamete	Extruded	Extruded	Insulation	nsulatior	Diameter	Diameter	Overall	Overall	Weight	Weight
			Strand	Strand ⁻	Thicknes	Thickness	over	over	Diameter	Diameter		
			Shield	Shield			nsulation	nsulatior				
	DiameterDiameter											
	in	mm	in	mm	in	mm	in	mm	in	mm	kg/km	LBS/
												MFT



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500	0.74	18.8	0.77	19.56	0.14	3.56	1.06	26.92	1.3	33.02	3091	2077