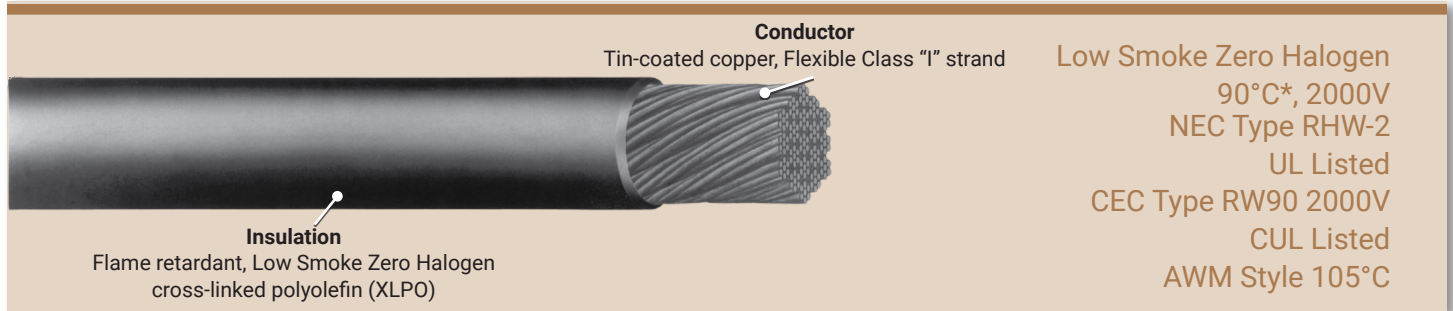


Rock-Flex® DLO

Diesel-Locomotive Cable

RSCC Industrial Cable

www.r-scc.com



Features

- Flexible Class I tinned copper conductor for improved terminations and corrosion resistance
- Low Smoke Zero Halogen design (LSZH)
- RoHS/REACH compliant and lead free.
- Irradiated thermoset insulation for enhanced thermal stability.
- Proprietary single-pass insulating/jacketing process allows for a significant overall diameter reduction (>12 - 15%) over standard two-pass designs saving valuable space in cabling pathways and providing an overall cost reduction
- Specially formulated insulation for superior two (2) years long term water resistance
- Superior flame and abrasion resistance
- Excellent mechanical properties including Abrasion, Notch Propagation, Cut Through and Heat Deformation
- Ease of strippability, no separator tape over conductor
- Low friction surface for reduced pulling tension
- Can be installed in Conduit, Duct, Raceway, Aerial or Direct Burial (when dual rated as Type USE-2)
- Can be used in -40°C to +125°C applications

Performance Standards

- Listed as UL RHW-2 / cUL RW90 Per UL 44, 90°C Wet or Dry
- UL listed as IEEE 1202/FT4-ST1 (limited smoke) per UL 2556/UL 1685 as
- specified in NFPA 130-2020
- UL listed for sunlight resistance (black only)
- UL listed as VW-1, gasoline and oil resistant
- Passes ICEA 70,000 BTU/hour vertical tray flame test (T-30-520)
- Passes vertical flame test Type A as defined in ICEA S-95-658-1999 sec. 6.8.2
- For tray installation, 1/0 AWG and larger (CT USE) and equipment grounding conductor 4 AWG and larger
- AWM 3578 105C 600V per UL subject 758
- AWM 3237 105C 1000V per UL subject 758
- UL 2806 listed as Heavy Duty flexible power cable HDFPC
- LOI > 40% Oxygen
- Complies with IEC 60754-1, IEC 60754-2, IEC 60332-3-24, IEC 61034-2, IEC 60332-1-2, CPR Class Eca (CE mark)
- MSHA Approved (8 AWG and larger) P-07-KA200005
- LOI > 40% Oxygen
- Complies with IEC 60754-1, IEC 60754-2, IEC 60332-3-24, IEC 61034-2, IEC 60332-1-2, CPR Class Eca (CE mark)
- MSHA Approved (8 AWG and larger) P-07-KA200005

* Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

Scope

Rock-Flex® DLO is a single conductor, power cable utilizing flexible Class I conductor suitable for use in applications requiring greater flexibility, robust mechanical properties and superior flex life. Applications include locomotive and car equipment, motor and generator leads, battery leads, shipyards, telecommunications power, heavy earth moving equipment, renewable energy and other heavy duty flexing applications. LSZH insulation is preferred for highly occupied environments or areas with large concentrations of equipment since it considerably reduces the amount of toxic and corrosive gas emitted during combustion.

Construction

Conductor: Annealed, tin-coated copper, class "I" strand per ASTM B33, & B172

Insulation: Flame retardant low Smoke Zero Halogen cross-linked polyolefin

Color: Colors available upon request



Made in the USA

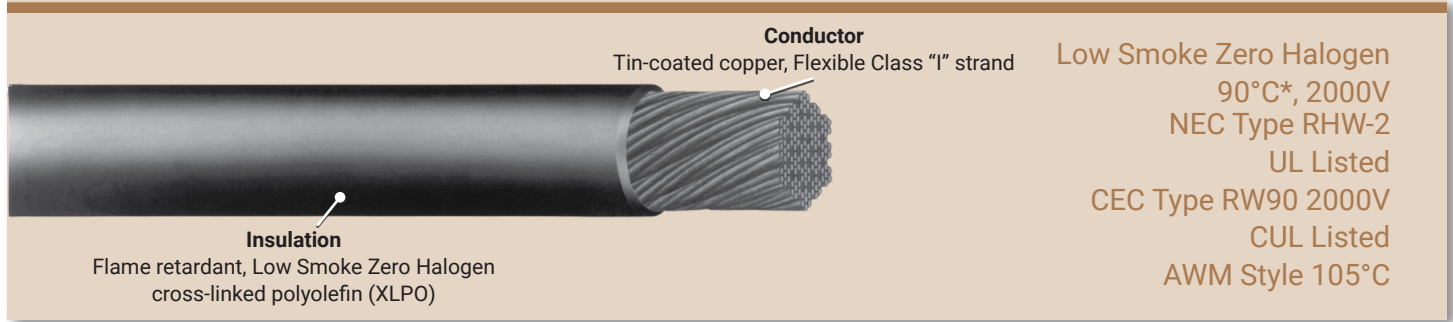


Marmon Electrical
A Berkshire Hathaway Company

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Product Code	Conductor Size	Number of Strands	Conductor OD		Insulation Thickness		Nominal Overall Diameter		Approximate Net Weight (Lbs/M')	Ampacity**
			(in)	(mm)	(in)	(mm)	(in)	(mm)		
EZ01014-800	14 AWG	19	0.067	1.71	0.060	1.52	1.904	4.8	28	35
EZ01012-800	12 AWG	19	0.85	2.16	0.060	1.52	0.208	5.2	37	40
EZ01010-800	10 AWG	27	0.116	2.95	0.060	1.52	0.239	6.1	56	55
EZ01008-800	8 AWG	37	0.138	3.51	0.070	1.78	0.281	7.2	77	80
EZ01006-800	6 AWG	61	0.185	4.70	0.070	1.78	0.329	8.3	119	105
EZ01004-800	4 AWG	105	0.260	6.60	0.070	1.78	0.403	10.2	189	140
EZ01003-800	3 AWG	126	0.280	7.11	0.070	1.78	0.423	10.8	219	165
EZ01002-800	2 AWG	150	0.315	8.00	0.070	1.78	0.459	11.6	252	190
EZ01001-800	1 AWG	226	0.385	9.78	0.090	2.29	0.565	14.3	389	220
EZ011X0-800	1/0 AWG	273	0.410	10.41	0.090	2.29	0.594	15.1	455	260
EZ012X0-800	2/0 AWG	323	0.440	11.18	0.090	2.29	0.624	15.9	504	300
EZ013X0-800	3/0 AWG	450	0.545	13.84	0.090	2.29	0.730	18.5	719	350
EZ014X0-800	4/0 AWG	551	0.570	14.48	0.090	2.29	0.755	19.2	815	405
EZ01262-800	262 KCMIL	646	0.627	15.93	0.105	2.67	0.842	21.4	966	467
EZ01313-800	313 KCMIL	777	0.695	17.70	0.105	2.67	0.910	23.1	1135	505
EZ01350-800	350 KCMIL	888	0.752	19.10	0.105	2.67	0.967	24.6	1287	505
EZ01373-800	373 KCMIL	925	0.755	19.05	0.105	2.67	0.964	24.5	1330	591
EZ01444-800	444 KCMIL	1100	0.820	20.83	0.105	2.67	1.034	26.3	1571	652
EZ01500-800	500 KCMIL	1221	0.880	22.35	0.105	2.67	1.095	27.8	1725	700
EZ01535-800	535 KCMIL	1332	0.895	22.73	0.120	3.05	1.141	29.0	1897	728
EZ01646-800	646 KCMIL	1600	0.987	25.07	0.120	3.05	1.233	31.3	2244	815
EZ01777-800	777 KCMIL	1924	1.070	27.18	0.120	3.05	1.316	33.4	2677	904
EZ01999-800	1000 KCMIL	2501	1.220	30.99	0.120	3.05	1.466	37.2	3455	1055

* Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

** Ampacities are based on 2020 NEC Table 310.17 at 30°C Ambient in Free Air.

The catalog part numbers are for Black insulation. Use the following designation for other colors 2-Red, 5-Green, 6-Blue, 8-Gray. For Example: 1/C 6 AWG Red part number is EZ01006-802

RSCC Rock-Flex® DLO LSHZ 1/C 6 AWG 61/24 (UL) TYPE RHW-2 ST1 PR I GR I VW-1 FT4 IEEE 1202 -40C HDFPC 2000V or AWM 3578 105C 600V or AWM 3237 105C 1000V cUL RW90 FT4 IEEE 1202 ST1 -40C 2000V MSHA P-07-KA200005 EZ01006-800"

Sequential footage and date of manufacture



Made in the USA



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