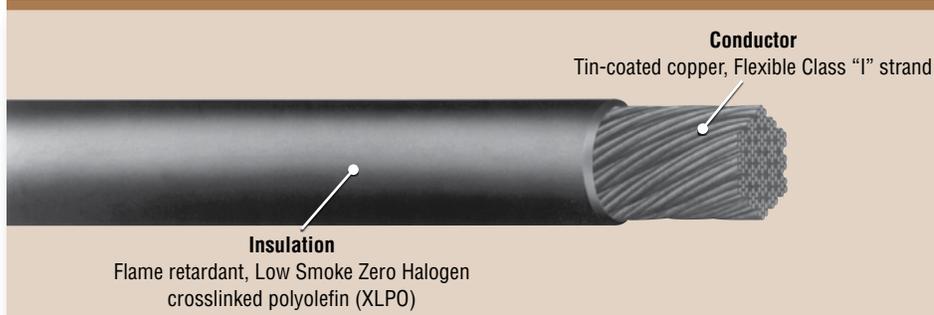


# ROCKFLEX® COP L2

## Central Office Power

RSCC Industrial Cable

www.r-scc.com



Low Smoke Zero Halogen  
90°C\*, 600/1000V  
NEC Type RHW-2  
UL Listed  
CEC Type RW90  
CUL Listed  
Telcordia GR-347 Core  
AWM style 105°C

### Features

- Telcordia (Bellcore) GR-347-CORE and ATIS-0600017 2014
- Flexible Class I TC conductor for improved terminations and corrosion resistance
- Low Smoke Zero Halogen design (LSZH) per Telcordia GR-347-CORE
- RoHS and REACH compliant. Lead free.
- Thermoset insulation for enhanced thermal stability
- Specially formulated insulation for superior 2 years long term water resistance
- Superior flame retardance
- Excellent mechanical properties including Abrasion, Notch Propagation, Cut Through and Heat Deformation
- Easy stripability, no separator tape over conductor
- Low friction surface for reduced pulling tension
- Can be installed in Conduit, Duct, Raceway, Aerial or Direct Burial
- Can be used in -40C to 125C applications

### Performance Standards

- 600/1000V Applications
- 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 44 and UL 2556/UL 1685
- UL listed for sunlight resistance
- UL listed as gasoline and oil resistant
- Passes VW-1
- For tray installation, 1/0 AWG and larger (CT USE) and equipment grounding conductor 4 AWG and larger
- Listed as USE-2 underground service entrance cable
- AWM 3578 105C 600V per UL subject 758
- AWM 3237 105C 1000V per UL subject 758
- Telcordia (Bellcore) GR-347-CORE
- UL 2731 listed as TCOPC (Telecommunications Central Office Power Cable) and TCOBDC (Telecommunications Central Office Battery and Distribution Cable)
- UL 1690 listed as data processing cable DP-1
- 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)

### Construction

**Conductor:** Annealed, tin-coated copper, class "I" strand per ASTM B33.

**Insulation:** Flame retardant low Smoke Zero Halogen crosslinked polyolefin

**Color:** Colors are available

\* 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

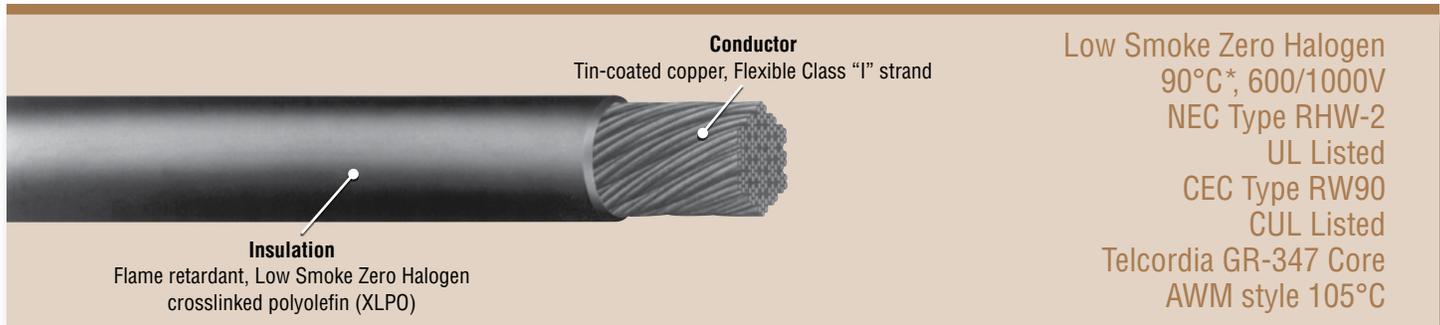
ROCKFLEX® COP is a single conductor, power cable utilizing flexible Class I conductor. Its tough LSZH thermoset construction allows for its use in Central Office Power (COP) applications. The wire intended use is for 600/1000V AC or DC applications in Central Offices (COs), Outside Plant (OSP) remote terminals, Customer Premises and Building Entrance Terminals (BETs) and cell towers and data centers. The wire is approved by Telcordia to GR-347-Core "Generic Requirements for Telecommunications Power Cable" Central Office Power (COP). LSZH insulation is preferred for highly occupied environments or areas with large concentrations of equipment.



Marmon Electrical  
A Berkshire Hathaway Company

# ROCKFLEX® COP L2

## Central Office Power



Product Code	Conductor Size	Number of Strands	Conductor OD		Insulation Thickness		Nominal Overall Diameter		Approximate Net Weight (Lbs/M')	Ampacity**
			(Inch)	(mm)	(Inch)	(mm)	(Inch)	(mm)		
EZ01014-800	14 AWG	19	0.067	1.70	0.045	1.14	0.16	4.0	22	35
EZ01012-800	12 AWG	19	0.085	2.15	0.045	1.14	0.18	4.5	31	40
EZ01010-800	10 AWG	27	0.116	2.95	0.045	1.14	0.21	5.3	49	55
EZ01008-800	8 AWG	37	0.138	3.51	0.060	1.52	0.26	6.6	71	80
EZ01006-800	6 AWG	61	0.185	4.70	0.060	1.52	0.31	7.8	112	105
EZ01004-800	4 AWG	105	0.26	6.60	0.060	1.52	0.38	9.7	181	140
EZ01003-800	3 AWG	126	0.28	7.11	0.060	1.52	0.40	10.2	211	165
EZ01002-800	2 AWG	150	0.315	8.00	0.060	1.52	0.44	11.1	242	190
EZ01001-800	1 AWG	225	0.385	9.78	0.080	2.03	0.54	13.8	377	220
EZ011X0-800	1/0 AWG	275	0.425	10.79	0.080	2.03	0.59	15.0	447	260
EZ012X0-800	2/0 AWG	325	0.44	11.18	0.080	2.03	0.60	15.3	491	300
EZ013X0-800	3/0 AWG	450	0.545	13.84	0.080	2.03	0.71	18.0	704	350
EZ014X0-800	4/0 AWG	550	0.57	14.48	0.080	2.03	0.73	18.6	800	405
EZ01250-800	250 KCMIL	646	0.627	15.92	0.095	2.41	0.82	20.8	954	455
EZ01350-800	350 KCMIL	888	0.752	19.10	0.095	2.41	0.95	24.1	1267	570
EZ01500-800	500 KCMIL	1221	0.88	22.35	0.095	2.41	1.07	27.3	1705	700
EZ01600-800	600 KCMIL	1480	0.97	24.64	0.110	2.79	1.20	30.4	2122	780
EZ01750-800	750 KCMIL	1850	1.072	27.23	0.110	2.79	1.30	33.0	2560	885
EZ01999-800	1000 KCMIL	2501	1.220	30.98	0.110	2.79	1.44	36.7	3425	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 NEC NFPA 70 -2017 Table 310.15(B)(17).

NOTE: See NEC NFPA 70 -2017 Table 310.15(B)(17)

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 ROCKFLEX® COP L2 LSHZ 1/C 6 AWG 61/24 (UL) TYPE USE-2 or RHW-2 ST1 PR I GR I VW-1 FT4 IEEE 1202 -40C TCOPC DP-1 HDFPC 600V or AWM 3578 105C 600V or AWM 3237 105C 1000V cUL RW90 FT4 IEEE 1202 ST1 -40C 1000V EZ01006-800” Sequential footage and date of manufacture

NOTE: DP-1 for 6 AWG and larger, HDFPC for 8 AWG and larger



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