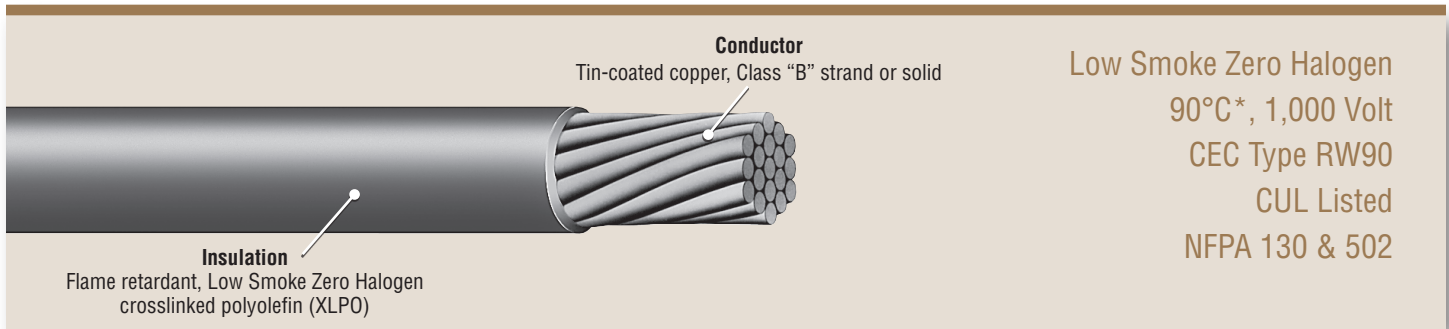




# Firewall® LSZH RW90 Power & Lighting Cable



## Features

- Low Smoke Zero Halogen Design
- ROHS compliant insulation
- Thermoset insulation for enhanced thermal stability
- Specially formulated insulation for exceptional long term water resistance
- Superior flame retardance
- Excellent mechanical properties
- Tin-coated copper conductors for improved terminations and corrosion resistance
- Reduced size and weight for increased raceway capacity
- Easy strippability
- Low friction surface for reduced pulling tension

## Performance Standards

- Insulation in accordance with ICEA and CEC standards
- cUL listed type RW90 (CSA 22.2 No.38) in accordance with CEC
- Passes VW-1\*\*
- Passes vertical flame test Type A as defined in ICEA S-95-658 (6.8.2)
- cUL Listed FT4/IEEE 1202 Vertical Flame test
- cUL Listed -ST1 per CSA 22.2 No. 38 and UL 1685 (FT4 Method), meeting smoke and flame requirements of NFPA 130 and NFPA 502
- cUL Listed 90° for both wet and dry locations
- cUL listed for sunlight resistance (black only)
- cUL Listed as gasoline and oil resistant Type II
- Meets the requirements of NFPA 130 & 502

## Construction

**Conductor:** Annealed, tin-coated copper, Class "B" strand per ASTM B-8 & B-33 (Available as solid conductors when required)

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

**Separator Tape:** Helically applied polyester (where required)

**Color:** Black (Available in pigmented colors or colored stripes)

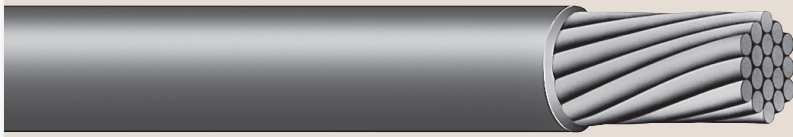
\*Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

\*\*#10 AWG and larger



Marmon Engineered Wire & Cable LLC  
A Berkshire Hathaway Company

# Firewall® LSZH RW90 Power & Lighting Cable



Low Smoke Zero Halogen  
90°C\*, 1,000 Volt  
CEC Type RW90  
CUL Listed  
NFPA 130 & 502

## 1,000 Volt Class

Product Code	Conductor Size	Number of Strands	Insulation Thickness		Nominal Overall Diameter		Approximate Net Weight (Lbs/M)
			(Inch)	(mm)	(Inch)	(mm)	
P48-9140	14 AWG	7	.045	1.14	.16	4.1	24
P48-9120	12 AWG	7	.045	1.14	.18	4.6	34
P48-9110	10 AWG	7	.045	1.14	.21	5.3	48
P48-9080	8 AWG	7	.045	1.14	.24	6.1	70
P48-9060	6 AWG	7	.060	1.52	.3	7.6	114
P48-9040	4 AWG	7	.060	1.52	.35	8.9	170
P48-9030	3 AWG	7	.060	1.52	.38	9.7	206
P48-9020	2 AWG	7	.060	1.52	.41	10.41	251
P48-9010	1 AWG	19	.080	2.03	.49	12.4	332
P48-9100	1/0 AWG	19	.080	2.03	.53	13.5	406
P48-9200	2/0 AWG	19	.080	2.03	.57	14.5	501
P48-9300	3/0 AWG	19	.080	2.03	.62	15.7	619
P48-9400	4/0 AWG	19	.080	2.03	.68	17.3	765
P48-9250	250 kcmil	37	.090	2.28	.75	19.1	900
P48-9350	350 kcmil	37	.090	2.28	.85	21.6	1225
P48-9500	500 kcmil	37	.090	2.28	.98	24.9	1725
P48-9600	600 kcmil	61	.090	2.28	1.07	27.2	2040
P48-9750	750 kcmil	61	.090	2.28	1.16	29.5	2575

