

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 IEEE 1202/FT4 vertical tray flame test and ICEA 70,000 BTU/hr vertical flame test
- Passes vertical flame test Type A as defined in ICEA S-95-658 (6.8.2)
- CUL listed as Type ST1 (limited smoke) per UL 2556
- CUL approved 90° for both wet and dry locations
- CUL Listed as gasoline and oil resistant
- Meets the requirements of NFPA 130 & 502
- Passes UL VW-1**

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)

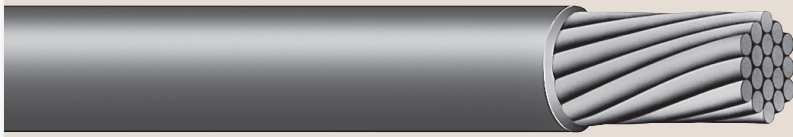
*Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

**#10 AWG and larger

Scope

Firewall® LSZH RW90 is a one conductor, unjacketed, power cable. Its tough thermoset construction allows for its use in demanding applications without additional jacketing protection. It is intended for low voltage power and lighting functions and may be installed in trays, ducts and conduits.

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



Marmon Engineered Wire & Cable LLC
A Berkshire Hathaway Company