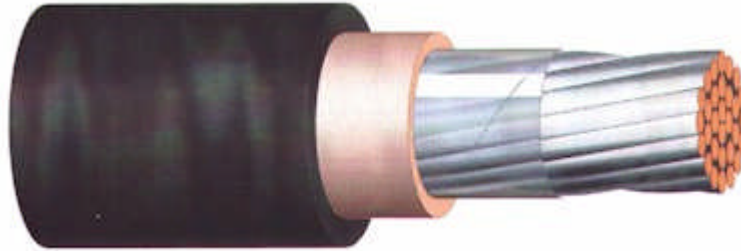




Power Cable RHH or RHW-2 or USE-2 EPR / CSPE Network Cable, 600V



APPLICATIONS

These cables are designed for use in lighting and power applications. Suitable for use in circuits not exceeding 600 volts at conductor temperatures not exceeding 90°C in wet and dry locations. May be installed in raceways, duct, cable tray, direct burial and aerial installations. Sizes 1/0 AWG and larger can be installed in cable tray.

SPECIFICATIONS

Cables meet or exceed all applicable requirements of the following standards:

- ICEA S-95-658 / NEMA WC 70, Nonshielded Power Cables Rated 2000 Volts or Less.
- ASTM B-8, Standard Specification for Concentric lay-stranded copper conductor, hard, medium-hard, or soft.
- ASTM B-33, Standard Specification for Tinned Soft or Annealed Copper Wire for Electrical purposes.
- UL Standard 44, Rubber-Insulated Wires and Cables
- UL Standard 854, Service Entrance Cables.
- IEEE Standard 383, 70,000 BTU/hr Flame Test

CONSTRUCTION

Conductor: Class B stranded, soft-annealed, tin coated copper.
Separator (Optional): A suitable opaque separator tape used over the conductor to facilitate stripping.
Insulation: Ethylene Propylene Rubber compound (EPR).
Jacket: Black, heavy duty, oil-resistant Chlorosulfonated Polyethylene (CSPE); VW-1 Rated.
Assembly (Optional): When Duplexing or Triplexing are required, two or three conductors are cabled together with a suitable lay.

MAXIMUM CONDUCTOR TEMPERATURE

Maximum continuous conductor temperature for normal operation in wet or dry locations is 90 °C (194 °F).

FEATURES & BENEFITS, OPTIONS

- Uncoated copper per ASTM B 3 is available upon request.
- Listed as RHH or RHW-2 or USE -2
- Composite Insulation / Jacket is VW-1 Rated
- Excellent flame, heat, ozone, oil and chemical resistance and tear and abrasion resistance.

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Conductor		Insulation Thickness (mils)	Jacket Thickness (mils)	Overall Diameter (Inches)	Net Weight (lbs./1000ft)
Size (AWG / kcmil)	No. of Wires				
14	7	30	15	0.175	25
12	7	30	15	0.190	33
10	7	30	15	0.215	47
8	7	45	15	0.275	75
6	7	45	30	0.345	120
4	7	45	30	0.395	176
2	7	45	30	0.455	262
1/0	19	55	45	0.585	420
2/0	19	55	45	0.630	517
3/0	19	55	45	0.680	650
4/0	19	55	45	0.740	779
250	37	65	65	0.845	952
300	37	65	65	0.900	1290
350	37	65	65	0.950	1280
500	37	65	65	1.080	1770
750	61	80	65	1.290	2630
1000	61	80	65	1.445	3440

Note:

The above data are nominal, subject to manufacture tolerance.