

ALUMINUM XLP UL RHH/RHW-2 OR USE-2 90°C 2KV

APPLICATIONS

For use from the lower control box at the base of the wind power tower and out to the step-up transformer through conduit For use in free air, raceways or direct burial in accordance with NEC. Industrial environments where superior insulation toughness and chemical resistance is required Maximum operating temperature not to exceed 90 °C in wet or dry locations.

PRODUCT CONSTRUCTION

Conductor: 8 AWG thru 1000 kcmil compacted aluminum ACM (AA-8000 Series)

Insulation: Flame-retardant Cross-Linked Polyethylene (XLPE) - Black

Print: HUAXING CABLE XLP AWG/KCMIL TYPE RHH/RHW-2 SR (UL) 2000V (MM/YYYY) SEQUENTIAL FOOTAGE MARK

COMPLIANCES

National Electric Code (NEC)

UL 44 Stranded for rubber-insulated wires and cables

ICEA S-95-685/NEMA WC70

UL listed as Type RHH/RHW-2

OSHA acceptable

FEATURES

Rated at 90 °C wet or dry

UV resistant - black is marked SR

Excellent electrical, thermal and physical properties

Excellent resistance to moisture

Excellent resistance to crush, compression cuts and heat deformation

PACKAGING

Colors optional, to order.

All produced or cut-to-order material will be shipped on non-returnable wooden reels unless specifically requested



| Conductor Size AWG kcmil | No. of Wires | Conductor Diameter (in) | Insulation Thickness (mil) | Cable Diameter (in) | Aluminum Weight MFT (lb) | Net Weight MFT (lb) | Ampacity 90 °C |
|--------------------------------|--------------|----------------------------|-------------------------------|------------------------|--------------------------------|---------------------------|-------------------|
| 8 | 7 | 0.134 | 70 | 0.285 | 16 | 38 | 45 |
| 6 | 7 | 0.169 | 70 | 0.320 | 25 | 51 | 60 |
| 4 | 7 | 0.213 | 70 | 0.360 | 39 | 72 | 75 |
| 2 | 7 | 0.268 | 70 | 0.420 | 62 | 100 | 100 |
| 1 | 18 | 0.299 | 90 | 0.495 | 79 | 134 | 115 |
| 1/0 | 18 | 0.336 | 90 | 0.530 | 99 | 160 | 135 |
| 2/0 | 18 | 0.376 | 90 | 0.580 | 125 | 192 | 150 |
| 3/0 | 18 | 0.423 | 90 | 0.615 | 158 | 229 | 175 |
| 4/0 | 18 | 0.475 | 90 | 0.665 | 199 | 281 | 205 |
| 250 | 35 | 0.520 | 105 | 0.745 | 235 | 336 | 230 |
| 350 | 35 | 0.616 | 105 | 0.840 | 329 | 449 | 280 |
| 500 | 35 | 0.736 | 105 | 0.960 | 471 | 605 | 350 |
| 600 | 58 | 0.813 | 120 | 1.075 | 565 | 736 | 385 |
| 750 | 58 | 0.908 | 120 | 1.175 | 706 | 901 | 435 |
| 1000 | 58 | 1.060 | 120 | 1.325 | 941 | 1168 | 500 |