

Aluminum XHHW-2, & RW90, 90°C, 600 Volt, Single Conductor

XHHW-2, 90°C – 600 Volt, Single Conductor



*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Class B compact stranded aluminum alloy

Applications:

- Recognized for use as general purpose wiring at maximum conductor temperature of 90°C in dry and wet locations
- For installation in air, conduit, or other recognized raceways in circuits not exceeding 600 volts
- Tray cable ratings available

Category Insulation Description:

- Flame-retardant Cross-Linked Polyethylene (XLPE)

Standards:

- XHHW-2 meets the requirements of UL 44
- NEC
- UL 2556 VW-1
- OSHA Acceptable
- RoHS Compliant

Part Number Table

| Part# | Houston Wire & Cable | Gauge | Stranding | Insulation Thickness | Outside Diameter Inches | Material Weight (Lbs./M') | Material Weight (KG/KM) |
|------------|----------------------|-------|-----------|----------------------|-------------------------|---------------------------|-------------------------|
| M804ST-01 | HW02A.pdf | 4 | 7 | 0.045 | 0.303 | 56 | 83 |
| M806ST-01 | HW02A.pdf | 6 | 7 | 0.045 | 0.259 | 39 | 58 |
| M801ST-01 | HW02A.pdf | 1 | 8 | 0.055 | 0.408 | 108 | 160 |
| M802ST-01 | HW02A.pdf | 2 | 7 | 0.045 | 0.358 | 83 | 123 |
| M81/0ST-01 | HW02A.pdf | 1/0 | 10 | 0.055 | 0.447 | 132 | 196 |
| M82/0ST-01 | HW02A.pdf | 2/0 | 12 | 0.055 | 0.484 | 162 | 241 |
| M83/0ST-01 | HW02A.pdf | 3/0 | 16 | 0.055 | 0.531 | 199 | 296 |
| M84/0ST-01 | HW02A.pdf | 4/0 | 19 | 0.055 | 0.58 | 244 | 363 |
| M8250ST-01 | HW02A.pdf | 250 | 23 | 0.065 | 0.644 | 292 | 434 |
| M8300ST-01 | HW02A.pdf | 300 | 22 | 0.065 | 0.696 | 345 | 513 |
| M8350ST-01 | HW02A.pdf | 350 | 26 | 0.065 | 0.737 | 397 | 590 |
| M8400ST-01 | HW02A.pdf | 400 | 37 | 0.065 | 0.789 | 443 | 659 |
| M8500ST-01 | HW02A.pdf | 500 | 37 | 0.065 | 0.866 | 544 | 809 |
| M8600ST-01 | HW02A.pdf | 600 | 61 | 0.08 | 0.973 | 664 | 988 |
| M8750ST-01 | HW02A.pdf | 750 | 61 | 0.08 | 1.068 | 817 | 1215 |

Note: The data shown is approximate and subject to standard industry and manufacturer tolerances Insert the color number in the -XX location: -01 = Black -02 = White -03 = Red -04 = Green -05 = Blue -06 = Gray -07 = Orange -08 = Yellow -09 = Purple -10 = Brown -11 = Pink -12 = Tan

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