



SAMPLE PRINT LEGEND:

SOUTHWIRE (R) RHINO™ BRAND CABLE # AWG 3/C COMPACT CU TYPE MP-GC 15000V 133% INS. LEVEL P-07-K140017
MSHA





Table 1 – Weights and Measurements

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Diameter Over Conductor | Insul. Thickness | Diameter Over Insulation | Ground | Ground Check Size | Jacket Thickness | Approx. OD | Approx. Weight | Jacket Color |
|--------------|---------------|--------------|---------------|-------------------------|------------------|--------------------------|--------------|-------------------|------------------|------------|----------------|--------------|
| | AWG/ Kcmil | No. | No. | inch | mil | inch | No. x AWG | AWG | mil | inch | lb/1000ft | |
| 678754 | 2 | 3 | 7 | 0.268 | 215 | 0.728 | 2 x 6 | 8 | 145 | 2.095 | 2273 | OE |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

* Strand count meets minimum number per ASTM

Table 2 – Electrical and Engineering Data

| Cond. Size | DC Resistance @ 25°C | AC Resistance @ 90°C | Capacitive Reactance | Inductive Reactance | Working Tension | Min Bending Radius | Allowable Ampacity In Air 90°C |
|---------------|----------------------|----------------------|----------------------|---------------------|-----------------|--------------------|--------------------------------|
| AWG/ Kcmil | Ω/1000ft | Ω/1000ft | MΩ*1000ft | Ω/1000ft | lb | inch | Amp |
| 2 | 0.162 | 0.204 | 0.052 | 0.045 | 453 | 25.1 | 164 |

* Ampacities based upon ICEA S-75-381 Table I-1.

* Inductive impedance is based on non-ferrous conduit with one diameter spacing center-to-center.

