





**SAMPLE PRINT LEGEND:**

SOUTHWIRE (R) RHINO™ BRAND CABLE # AWG 3/C COMPACT CU TYPE MP-GC 25000V 133% INS. LEVEL P-07-K140017  
MSHA





**Table 1 – Weights and Measurements**

Cond. Size	Cond. Number	Cond. Strands	Diameter Over Conductor	Insul. Thickness	Diameter Over Insulation	Ground Check Size	Ground Check Strands	Ground Check Insulation Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Jacket Color
AWG/Kcmil	No.	No.	inch	mil	inch	AWG	No.	mil	mil	inch	lb/1000ft	
250	3	37	0.52	345	1.246	8	7	45	170	3.28	7490	default

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
250	0.044	0.055	0.047	0.043	1709.000	39.4	360

\* 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.

