

# GROUNDING CABLE AND ROD IDENTIFIER NUMBERS

- Any combination of wire and/or rod connector is available
- The largest designator determines the part OD
- Consult DMC Power for Metric Rods and Rebar identifier code

GROUND CONNECTOR SIZE SELECTION CHART

Copper Cable (Ref. ASTM B8)						
Bare Stranded Copper Size (AWG/kcmil) <i>Solid Wire</i>	Dead Soft Annealed Copperweld (Stranding/AWG)	Bare Stranded Copper Size (mm2) SI/Metric	Connector Identifier Number	Connector O.D. (±.015)		
#6 AWG	1/#6	10.8 & 12.6	<b>06G</b>	1.25	1.00 for parallel	
#4 AWG	1/#4 & 3/#10	14.1, 16, 17.8 & 19.6	<b>04G</b>			
#2 AWG	1/#2, 3/#8, 3/#9 & 7/#10	22, 25, 27.6, 29.2, 34.4 & 35	<b>02G</b>			
1/0 AWG	3/#5, 3/#6 & 3/#7	48.3 & 50	<b>002</b>		2.00 for parallel	
2/0 AWG	7/#8 & 7/#9	70 & 74.9				
3/0 <i>Solid Wire</i>	7/#7 & 7/#6	83.6, 93.3 & 95	<b>003</b>		1.50	2.25 to 2.75 for parallel
3/0 AWG	7/#7 & 7/#6	83.6, 93.3 & 95	<b>003</b>			
4/0 <i>Solid Wire</i>	7/#5	96.8, 116 & 120 (Compacted Wires)	<b>004</b>			
4/0 AWG	7/#5	96.8, 116 & 120 (Compacted Wires)	<b>004</b>			
250 MCM	19/#9	120 & 134	<b>025</b>			
#4 AWG	1/#4 & 3/#10	14.1, 16, 17.8 & 19.6	<b>04G</b>			
#2 AWG	1/#2, 3/#8, 3/#9 & 7/#10	22, 25, 27.6, 29.2, 34.4 & 35	<b>02G</b>			
1/0 AWG	3/#5, 3/#6 & 3/#7	38.2, 48.3 & 50	<b>002</b>			
2/0 AWG	7/#8 & 7/#9	70 & 74.9				
3/0 <i>Solid Wire</i>	7/#7 & 7/#6	83.6, 93.3 & 95	<b>003</b>			
3/0 AWG	7/#7 & 7/#6	83.6, 93.3 & 95	<b>003</b>			
4/0 <i>Solid Wire</i>	7/#5	96.8, 116 & 120 (Compacted Wires)	<b>004</b>			
4/0 AWG	7/#5	96.8, 116 & 120 (Compacted Wires)	<b>004</b>			
250 MCM	19/#9	120 & 134	<b>025</b>			
300 MCM	19/#8	145.8, 146, 150 & 185 (Cmpctd Wires)	<b>030</b>			
350 MCM	-	181.6, 182 & 185	<b>035</b>			
400 MCM	19/#7	194 & 240 (Compacted Wires)	<b>040</b>			
450 MCM	-	-	<b>045</b>			
500 MCM	19/#6	240	<b>050</b>			
500ROPELAY	19/#5	300	<b>053</b>			
-	7/#4	-	<b>500</b>			
750 MCM	-	-	<b>075</b>	1.875		
1000 MCM	-	500	<b>100</b>			

Ground Rod				
Size	Material Type	Connector Identifier Number	Connector O.D. (±.015)	
3/8"	#3 Steel rebar	<b>003</b>	1.25	2.00 for parallel
1/2"	Copperclad-plain & sectional with 1/2" thread	<b>025</b>		
1/2"	Steel & copperclad sectional with 9/16" thread & #4 Steel rebar	<b>500</b>		
5/8"	Copperclad-plain & sectional with 5/8" thread	<b>562</b>		
5/8"	Steel plain & #5 Steel rebar	<b>625</b>		
3/4"	Copperclad-plain & sectional with 3/4" thread	<b>682</b>		
3/8"	#3 Steel rebar	<b>003</b>	1.50	2.25 for parallel
1/2"	Copperclad-plain & sectional with 1/2" thread	<b>025</b>		
1/2"	Steel & copperclad sectional with 9/16" thread & #4 Steel rebar	<b>500</b>		
5/8"	Copperclad-plain & sectional with 5/8" thread	<b>030</b>		
5/8"	Steel plain & #5 Steel rebar	<b>035</b>		
3/4"	Copperclad-plain & sectional with 3/4" thread	<b>040</b>		
3/4"	Steel plain	<b>750</b>		
1"	Copperclad-plain & sectional with 1" thread	<b>914</b>		
1"	Steel plain	<b>950</b>		