



Grounding Conductors for Grounding Raceway & Equipment

Rating or Setting of Automatic Overcurrent Device in Circuit Ahead Equipment, Conduit, etc., Not Exceeding (Amps)	Size	
	Copper Wire	Aluminum or Copper-Clad Aluminum Wire
15	14	12
20	12	10
30	10	8
40	10	8
60	10	6
100	8	8
200	6	4
300	4	2
400	3	1
500	2	1/0
600	1	2/0
800	1/0	3/0
1000	2/0	4/0
1200	3/0	250 kcmil
1600	4/0	350 kcmil
2000	250 kcmil	400 kcmil
2500	350 kcmil	600 kcmil
3000	400 kcmil	600 kcmil
4000	500 kcmil	800 kcmil
5000	700 kcmil	1200 kcmil
6000	800 kcmil	1200 kcmil

Grounding Conductor for Service Entrance Systems

Size of Largest Service-Entrance Conductor		Size of Grounding Conductor	
Copper	Aluminum or Copper-Clad Aluminum Wire	Copper	Aluminum or Copper-Clad Aluminum Wire
2 or Smaller	1/0 or smaller	8	6
1 or 1/0	2/0 or 3/0	6	4
2/0 or 3/0	4/0 or 250 kcmil	4	2
Over 3/0 - 350 kcmil	Over 250 kcmil - 500 kcmil	2	1/0
Over 350 kcmil - 600 kcmil	Over 500 kcmil - 900 kcmil	1/0	3/0
Over 600 kcmil - 1100 kcmil	Over 900 kcmil - 1750 kcmil	2/0	4/0
Over 1100 kcmil	Over 1750 kcmil	3/0	250 kcmil