

## AMPACITY OF WIRES/CABLE AS PER UL508A

Ref: For UL- Cable : Table 29.1, Page UL508A, April 2001

Conductor Size	Unit	Eq. Sqmm	Max.Ampere Rating (Temp. Rating of 90 Deg.)
22	Awg	( 0.5 )	-
20	Awg	( 0.75 )	-
18	Awg	(0.82)	7
16	Awg	(1.3)	10
14	Awg	(2.1)	20
12	Awg	(3.3)	25
10	Awg	(5.3)	40
8	Awg	(8.4)	60
6	Awg	(13.3)	80
4	Awg	(21.2)	105
3	Awg	(26.7)	120
2	Awg	(33.6)	140
1	Awg	(42.4)	165
1/0	Awg	(53.5)	195
2/0	Awg	(67.4)	225
3/0	Awg	(85.0)	260
4/0	Awg	(107.2)	300
250	kcmil	(127)	340
300	kcmil	(152)	375
350	kcmil	(177)	420
400	kcmil	(203)	455
500	kcmil	(253)	515
600	kcmil	(304)	575
700	kcmil	(354)	630
750	kcmil	(380)	655
800	kcmil	(406)	680
1000	kcmil	(508)	780