

Maximum Number of Conductors in Conduit or Tubing



Type of Wire	Conductor Size, AWG kcmil	Conduit Size (inches)											
		1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
TW, XXHW (14 thru 8)	14	9	15	25	44	60	99	142	-	-	-	-	-
	12	7	12	19	35	47	78	111	171	-	-	-	-
	10	5	9	15	26	36	60	85	131	176	-	-	-
	8	2	4	7	12	17	28	40	62	84	108	-	-
RHW & RHH (without outer covering), THW	14	6	10	16	29	40	65	93	143	192	-	-	-
	12	4	8	13	24	32	53	76	117	157	-	-	-
	10	4	6	11	19	26	43	61	95	127	163	-	-
	8	1	3	5	10	13	22	32	49	66	85	133	-
TW, THW, FEPB (6 thru 2), RHW & RHH (without outer covering)	6	1	2	4	7	10	16	23	36	48	62	97	141
	4	1	1	3	5	7	12	17	27	36	47	73	106
	3	1	1	2	4	6	10	15	23	31	40	63	91
	2	1	1	2	4	5	9	13	20	27	34	54	78
	1	-	1	1	3	4	6	9	14	19	25	39	57
	1/0	-	1	1	2	3	5	8	12	16	21	33	49
	2/0	-	1	1	1	3	5	7	10	14	18	29	41
	3/0	-	1	1	1	2	4	6	9	12	15	24	35
	4/0	-	-	1	1	1	3	5	7	10	13	20	29
	250	-	-	1	1	1	2	4	6	8	10	16	23
	300	-	-	1	1	1	2	3	5	7	9	14	20
	350	-	-	-	1	1	1	3	4	6	8	12	18
	400	-	-	-	1	1	1	2	4	5	7	11	16
	500	-	-	-	1	1	1	1	3	4	6	9	14
	600	-	-	-	-	1	1	1	3	4	5	7	11
	700	-	-	-	-	1	1	1	2	3	4	7	10
750	-	-	-	-	1	1	1	2	3	4	6	9	
THWN, THHN, FEP (14 thru 2) FEPB (14 thru 8) XHHW (4 thru 500 kcmil)	14	13	24	39	69	94	154	-	-	-	-	-	-
	12	10	18	29	51	71	114	164	-	-	-	-	-
	10	6	11	18	32	44	73	104	160	-	-	-	-
	8	3	5	9	16	22	36	51	79	106	136	-	-
	6	1	4	6	11	15	26	37	57	76	98	154	-
	4	1	2	4	7	9	16	22	35	47	60	94	137
	3	1	1	3	6	8	13	19	29	39	51	80	116
	2	1	1	1	5	7	11	16	25	33	43	67	97
	1	-	1	1	3	5	8	12	18	25	32	50	72
	1/0	-	1	1	3	4	7	10	15	21	27	42	61
	2/0	-	1	1	2	3	6	8	13	17	22	35	51
	3/0	-	1	1	1	3	5	7	11	14	18	29	42
	4/0	-	1	1	1	2	4	6	9	12	15	24	35
	250	-	-	1	1	1	3	4	7	10	12	20	28
	300	-	-	1	1	1	3	4	6	8	11	17	24
	350	-	-	1	1	1	2	3	5	7	9	15	21
400	-	-	-	1	1	1	3	5	6	8	13	19	
500	-	-	-	1	1	1	2	4	5	7	11	16	
600	-	-	-	1	1	1	1	3	4	5	9	13	
700	-	-	-	1	1	1	3	4	5	8	11	11	
750	-	-	-	-	1	1	1	2	3	4	7	11	
XHHW	6	1	3	5	9	13	21	30	47	63	81	128	185
	600	-	-	-	1	1	1	1	3	4	5	9	13
	700	-	-	-	-	1	1	1	3	4	5	7	11
	750	-	-	-	-	1	1	1	2	3	4	7	10