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Maximum Number of Conductors in Trade Sizes of Conduit  
Canadian Electrical Code Rule 12-1014

**NEXANS CABLES INC.** Insulated Cables  
RW90XLPE, 600 Volt, Aluminum, Without Jacket

Trade Size (inch)	0.5	0.75	1	1.25	1.5	2	2.5	3	3.5	4	4.5	5	6	
Trade Size (mm)	16	21	27	35	41	53	63	78	91	103	116	129	155	
AWG(strands)	Diam(mm)	Maximum Number of Conductors												
12(1)	3.6	7	13	21	37	51	85	121	187	200	200	200	200	200
12(7)	3.8	6	12	19	34	46	76	108	168	200	200	200	200	200
10(1)	4.1	5	10	16	29	39	65	93	144	193	200	200	200	200
10(7)	4.6	5	8	14	24	33	55	78	121	162	200	200	200	200
8(7)	5.7	3	5	8	15	20	33	48	74	100	128	161	200	200
6(7)	6.6	1	4	6	11	15	25	36	55	74	96	120	150	200
4(7)	7.7	1	2	4	8	11	18	26	40	54	70	88	110	160
3(7)	8.3	1	1	4	7	9	16	22	35	47	60	76	95	137
2(7)	9.1	1	1	3	5	8	13	19	29	39	50	63	79	114
1(19)	10.4	1	1	2	4	6	10	14	22	30	38	48	60	87
1/0(19)	11.3	1	1	1	3	5	8	12	19	25	32	41	51	74
2/0(19)	12.3	0	1	1	3	4	7	10	16	21	27	34	43	62
3/0(19)	13.5	0	1	1	2	3	6	8	13	17	22	28	36	52
4/0(19)	14.8	0	1	1	1	3	5	7	11	14	19	23	30	43
250(37)	16.5	0	0	1	1	1	4	5	8	11	15	19	24	34
300(37)	17.8	0	0	1	1	1	3	4	7	10	13	16	20	29
350(37)	18.9	0	0	1	1	1	3	4	6	9	11	14	18	26
400(37)	20	0	0	0	1	1	2	3	6	8	10	13	16	23
500(37)	22	0	0	0	1	1	1	3	5	6	8	10	13	19
600(61)	24.7	0	0	0	1	1	1	1	3	5	6	8	10	15
750(61)	27.1	0	0	0	0	1	1	1	3	4	5	7	8	12
1000(61)	31	0	0	0	0	0	1	1	1	3	4	5	6	9

Measured wire diameters are taken from the Manufacturer's Web Site  
Wire diameters last updated May 1, 2007