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

**NEXANS CANADA INC.** Insulated Cables  
RW90XLPE, 1000 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)	4.4	5	9	14	25	34	56	81	125	167	200	200	200
12(7)	4.6	4	8	13	23	31	52	74	114	153	197	200	200
10(1)	5	3	7	11	19	26	44	62	97	129	167	200	200
10(7)	5.2	3	6	10	18	24	40	58	89	120	154	193	200
8(7)	5.8	2	5	8	14	19	32	46	72	96	124	155	195
6(7)	7.4	1	3	5	8	12	20	28	44	59	76	95	120
4(7)	8.6	1	1	3	6	9	14	21	32	43	56	70	88
3(7)	9.1	1	1	3	5	8	13	19	29	39	50	63	79
2(7)	9.9	1	1	2	5	6	11	16	24	33	42	53	67
1(19)	11.7	0	1	1	3	4	8	11	17	23	30	38	48
1/0(19)	12.7	0	1	1	3	4	6	9	15	20	25	32	40
2/0(19)	13.7	0	1	1	2	3	5	8	12	17	22	27	35
3/0(19)	15	0	1	1	1	2	4	6	10	14	18	23	29
4/0(19)	16.2	0	0	1	1	1	4	5	9	12	15	19	25
250(37)	17.8	0	0	1	1	1	3	4	7	10	13	16	20
300(37)	19.1	0	0	1	1	1	3	4	6	8	11	14	18
350(37)	20.3	0	0	0	1	1	2	3	5	7	10	12	15
400(37)	21.3	0	0	0	1	1	1	3	5	7	9	11	14
500(37)	23.4	0	0	0	1	1	1	2	4	5	7	9	12
600(61)	25.1	0	0	0	1	1	1	1	3	5	6	8	10
750(61)	27.7	0	0	0	0	1	1	1	3	4	5	6	8
1000(61)	31.5	0	0	0	0	0	1	1	1	3	4	5	6

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