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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, Copper, 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												
14(1)	3.9	6	11	18	32	44	72	103	159	200	200	200	200	200
14(7)	4.1	5	10	16	29	39	65	93	144	193	200	200	200	200
12(1)	4.4	5	9	14	25	34	56	81	125	167	200	200	200	200
12(7)	4.6	4	8	13	23	31	52	74	114	153	197	200	200	200
10(1)	5	3	7	11	19	26	44	62	97	129	167	200	200	200
10(7)	5.2	3	6	10	18	24	40	58	89	120	154	193	200	200
8(7)	6	2	4	7	13	18	30	43	67	90	116	146	183	200
6(7)	7.8	1	2	4	8	11	18	26	40	54	70	88	110	159
4(7)	9	1	1	3	6	8	13	19	30	40	52	65	82	118
3(7)	9.7	1	1	3	5	7	11	16	26	34	44	56	70	102
2(7)	10.5	1	1	2	4	6	10	14	22	29	38	47	60	86
1(19)	12.5	0	1	1	3	4	7	10	15	20	26	33	42	60
1/0(19)	13.2	0	1	1	2	3	6	9	13	18	24	30	37	54
2/0(19)	14.5	0	1	1	1	3	5	7	11	15	19	24	31	45
3/0(19)	15.9	0	0	1	1	2	4	6	9	12	16	20	26	37
4/0(19)	17.3	0	0	1	1	1	3	5	8	10	13	17	21	31
250(37)	19	0	0	1	1	1	3	4	6	8	11	14	18	26
300(37)	20.4	0	0	0	1	1	2	3	5	7	10	12	15	22
350(37)	21.6	0	0	0	1	1	1	3	5	6	8	11	14	20
400(37)	22.8	0	0	0	1	1	1	3	4	6	8	10	12	18
500(37)	24.9	0	0	0	1	1	1	1	3	5	6	8	10	15
600(61)	26.9	0	0	0	0	1	1	1	3	4	5	7	9	13
750(61)	29.5	0	0	0	0	1	1	1	2	3	4	6	7	10
1000(61)	33.3	0	0	0	0	0	1	1	1	2	3	4	5	8

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