

# CABLES IN CONDUIT

## MAXIMUM NUMBER OF SINGLE-CORE CABLES IN CONDUIT

CABLE SIZE	Heavy-Duty Rigid UPVC Conduit											
	20	25	32	40	50	63	80 (AUS)	80 (NZ)	100 (AUS)	100 (NZ)	125	150
1	5	9	16	26	43	71	>100	>100	>100	>100	>100	>10
1.5	4	7	13	21	36	59	>100	>100	>100	>100	>100	>10
2.5	3	5	10	16	27	44	79	92	>100	>100	>100	>10
4	2	3	7	11	19	31	56	64	99	>100	>100	>10
6	1	3	6	9	16	26	48	55	85	92	>100	>10
10	1	2	4	6	11	18	32	38	58	63	95	>10
16	0	1	3	5	8	13	24	28	43	46	70	92
25	0	0	2	3	5	9	16	19	29	31	48	62
35	0	0	1	2	4	7	13	15	24	26	39	52
50	0	0	1	2	3	6	10	12	19	21	31	41
70	0	0	0	1	2	4	8	9	15	16	24	31
95	0	0	0	1	2	3	6	7	11	12	18	24
120	0	0	0	0	1	2	5	6	9	10	15	20
150	0	0	0	0	1	2	4	5	7	8	12	16
185	0	0	0	0	1	2	3	4	6	8	10	13
240	0	0	0	0	0	1	2	3	5	5	8	10
300	0	0	0	0	0	1	2	2	4	4	6	8
400	0	0	0	0	0	0	1	2	3	3	5	7
500	0	0	0	0	0	0	1	1	3	3	4	6
630	0	0	0	0	0	0	1	1	2	2	3	4

CABLE SIZE	Medium-Duty Corrugated				CABLE SIZE	Medium-Duty Rigid UPVC Conduit					
	20	25	32	40		16	20	25	32	40	50
1	4	7	14	23	1	3	6	10	17	28	45
1.5	3	6	11	19	1.5	3	5	8	14	23	38
2.5	2	4	8	14	2.5	2	3	6	1	17	28
4	2	3	6	10	4	1	2	4	7	12	20
6	1	2	5	8	6	1	2	3	6	10	17
10	1	2	3	5	10	0	1	2	4	7	11
16	0	1	2	4	16	0	0	1	3	5	8

Please note: The numbers above are estimates only. Please refer to AS/NZS 3000 and AS/NZS 3008.

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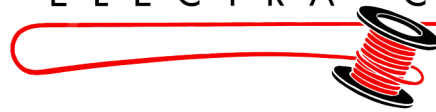
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# CABLES IN CONDUIT

MAXIMUM NUMBER OF TWO-CORE & EARTH CABLES IN CONDUIT													
CABLE SIZE	Heavy-Duty Rigid UPVC Conduit												
	20	25	32	40	50	63	80 (AUS)	80 (NZ)	100 (AUS)	100 (NZ)	125	150	
PVC /PVC & XLPE / PVC													
1.5	0	1	2	4	7	11	21	24	38	41	62	81	
2.5	0	0	2	3	5	9	16	19	30	32	48	63	
4	0	0	1	2	4	7	13	15	23	25	42	50	
6	0	0	2	2	4	6	12	13	21	23	34	45	
10	0	0	0	1	2	4	7	9	13	15	22	29	
16	0	0	0	1	2	3	6	7	11	11	18	23	
25	0	0	0	0	1	2	4	5	7	8	12	16	
TPS - PVC/PVC													
1	1	2	5	8	14	23	42	48	75	81	>100	>100	
1.5	1	2	5	8	13	22	40	46	71	77	>100	>100	
2.5	0	1	3	5	9	15	28	32	50	54	81	>100	
4	0	1	2	4	6	11	20	23	36	38	58	76	
6	0	1	2	3	5	9	17	19	30	32	49	64	

CABLE SIZE	Medium-Duty Corrugated				CABLE SIZE	Medium-Duty Rigid UPVC Conduit					
	20	25	32	40		16	20	25	32	40	50
TPS - PVC/PVC											
1	1	2	4	7	1	0	1	3	5	9	15
1.5	1	2	4	7	1.5	0	1	3	5	9	14
2.5	0	1	3	6	2.5	0	1	2	3	6	10
4	0	1	2	3	4	0	0	1	2	4	7
6	0	0	1	3	6	0	0	1	2	3	6
10	0	0	1	2	10	0	0	0	1	2	4
16	0	0	0	1	16	0	0	0	0	1	2

MAXIMUM NUMBER OF FOUR-CORE & EARTH CABLES IN CONDUIT													
CABLE SIZE	Heavy-Duty Rigid UPVC Conduit												
	20	25	32	40	50	63	80 (AUS)	80 (NZ)	100 (AUS)	100 (NZ)	125	150	
1.5	0	0	2	3	5	9	16	18	29	31	47	61	
2.5	0	0	1	2	4	6	12	14	21	23	35	46	
4	0	0	0	1	3	5	9	10	16	18	27	35	
6	0	0	0	1	2	4	8	9	14	15	23	31	
10	0	0	0	0	1	2	5	6	9	10	15	20	
16	0	0	0	0	1	2	4	4	7	8	12	15	
25	0	0	0	0	0	1	3	3	5	5	8	11	
35	0	0	0	0	0	1	2	2	4	4	7	9	
50	0	0	0	0	0	0	1	2	3	3	5	6	
70	0	0	0	0	0	0	1	1	2	2	4	5	
95	0	0	0	0	0	0	0	1	1	2	3	4	

CABLE SIZE	Medium-Duty Corrugated				CABLE SIZE	Medium-Duty Rigid UPVC Conduit					
	20	25	32	40		16	20	25	32	40	50
1.5	0	0	1	2	1.5	0	0	1	2	3	5
2.5	0	0	1	2	2.5	0	0	0	1	2	4
4	0	0	0	1	4	0	0	0	1	2	3
6	0	0	0	1	6	0	0	0	0	1	2
					10	0	0	0	0	1	1
					16	0	0	0	0	0	1

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