

Aerial Bundled Cable (ABC) 0.6/1 kV AS/NZS 3560.1										
No. of core & size	Phase Core				Neutral Core				Complete Cable	
	No. & area	No. of wire	Approx. diam. of conductor	Insulation thickness	No. & area	No. of wire	Approx. diam. of conductor	Insulation thickness	Overall diam.	Approx. weight
mm <sup>2</sup>	mm <sup>2</sup>	No.	mm	mm	mm <sup>2</sup>	No.	mm	mm	mm	kg/km
2x16	1x16	7	4.7	1.3	1x16	7	4.7	1.3	14.3	129
4x16	3x16	7	4.7	1.3	1x16	7	4.7	1.3	17	258
2x25	1x25	7	6.0	1.3	1x25	7	6.0	1.3	17	185
3x25	2x25	7	6.0	1.3	1x25	7	6.0	1.3	18.1	277
4x25	3x25	7	6.0	1.3	1x25	7	6.0	1.3	20.4	370
2x35	1x35	7	7.0	1.3	1x35	7	7.0	1.3	18.8	244
3x35	2x35	7	7.0	1.3	1x35	7	7.0	1.3	20.3	366
4x35	3x35	7	7.0	1.3	1x35	7	7.0	1.3	22.7	487
2x50	1x50	7	8.1	1.5	1x50	7	8.1	1.5	21.8	327
3x50	2x50	7	8.1	1.5	1x50	7	8.1	1.5	23.4	491
4x50	3x50	7	8.1	1.5	1x50	7	8.1	1.5	26.3	655
4x70	3x70	19	10.0	1.5	1x70	19	10.0	1.5	30.8	914
2x95	1x95	19	11.6	1.7	1x95	19	11.6	1.7	29.4	625
4x95	3x95	19	11.6	1.7	1x95	19	11.6	1.7	35.5	1250
4x120	3x120	19	13.0	1.7	1x120	19	13.0	1.7	38.8	1547
4x150	3x150	19	14.6	1.7	1x150	19	14.6	1.7	42.6	1845

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**Aerial Bundled Cable (ABC) 0.6/1 kV BS 787Q-5**

No. of core & size	Phase Core				Neutral Core				Complete Cable	
	No. & area	No. of wire	Approx. diam. of conduct or	Insulation thickness	No. & area	No. of wire	Approx. diam. of conduct or	Insulation thickness	Overall diam.	Approx. weight
mm <sup>2</sup>	mm <sup>2</sup>	No.	mm	mm	mm <sup>2</sup>	No.	mm	mm	mm	kg/km
1x25	1x25	7	6.0	1.3	-	-	-	-	8.4	94
1x35	1x35	7	7.0	1.3	-	-	-	-	9.4	123
1x50	1x50	19	8.4	1.5	-	-	-	-	11.2	179
1x70	1x70	19	10.0	1.5	-	-	-	-	12.7	231
1x95	1x95	19	11.6	1.7	-	-	-	-	14.7	317
1x120	1x120	19	13.0	1.7	-	-	-	-	16.1	391
2x25	1x25	7	6.0	1.3	1x25	7	6.0	1.3	16.9	188
2x35	1x35	7	7.0	1.3	1x35	7	7.0	1.3	18.8	247
2x50	1x50	19	8.4	1.5	1x50	19	8.4	1.5	22.3	358
2x70	1x70	19	10.0	1.5	1x70	19	10.0	1.5	25.5	463
2x95	1x95	19	11.6	1.7	1x95	19	11.6	1.7	29.4	632
2x120	1x120	19	13.0	1.7	1x120	19	13.0	1.7	32.1	782
3x25	2x25	7	6.0	1.3	1x25	7	6.0	1.3	18.1	282
3x35	2x35	7	7.0	1.3	1x35	7	7.0	1.3	20.2	370
3x50	2x50	19	8.4	1.5	1x50	19	8.4	1.5	24.0	537
3x70	2x70	19	10.0	1.5	1x70	19	10.0	1.5	27.4	694
3x95	2x95	19	11.6	1.7	1x95	19	11.6	1.7	31.7	949
3x120	2x120	19	13.0	1.7	1x120	19	13.0	1.7	34.6	1172
4x25	3x25	7	6.0	1.3	1x25	7	6.0	1.3	20.3	376
4x35	3x35	7	7.0	1.3	1x35	7	7.0	1.3	22.6	494
4x50	3x50	19	8.4	1.5	1x50	19	8.4	1.5	27.0	716
4x70	3x70	19	10.0	1.5	1x70	19	10.0	1.5	30.8	924
4x95	3x95	19	11.6	1.7	1x95	19	11.6	1.7	35.5	1264
4x120	3x120	19	13.0	1.7	1x120	19	13.0	1.7	38.8	1563
5x25	4x25	7	6.0	1.3	1x25	7	6.0	1.3	22.7	470
5x35	4x35	7	7.0	1.3	1x35	7	7.0	1.3	25.4	617
5x50	4x50	19	8.4	1.5	1x50	19	8.4	1.5	30.2	896
5x70	4x70	19	10.0	1.5	1x70	19	10.0	1.5	34.4	1155
5x95	4x95	19	11.6	1.7	1x95	19	11.6	1.7	39.7	1581
5x120	4x120	19	13.0	1.7	1x120	19	13.0	1.7	43.4	1953

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**Aerial Bundled Cable (ABC) 0.6/1 kV NF C 33-209**

No. of core & size	Phase Core				Neutral Core				Street Lighting Core				Complete Cable	
	No. & area	No. of wire	Approx. diam. of conductor	Insulation thickness	No. & area	No. of wire	Approx. diam. of conductor	Insulation thickness	No. & area	No. of wire	Approx. diameter of conductor	Insulation thickness	Overall diam.	Approx. weight
mm <sup>2</sup>	mm <sup>2</sup>	No.	mm	mm	mm <sup>2</sup>	No.	mm	mm	mm <sup>2</sup>	No.	mm	mm	mm	kg/km
2x16	2x16	7	4.8	1.2	-	-	-	-	-	-	-	-	13.9	123
2x25	2x25	7	6.0	1.4	-	-	-	-	-	-	-	-	17.2	190
2x35	2x35	7	7.0	1.6	-	-	-	-	-	-	-	-	20.0	261
2x50	2x50	7	8.1	1.6	-	-	-	-	-	-	-	-	22.1	334
4x16	4x16	7	4.8	1.2	-	-	-	-	-	-	-	-	16.9	247
4x25	4x25	7	6.0	1.4	-	-	-	-	-	-	-	-	20.8	380
4x35	4x35	7	7.0	1.6	-	-	-	-	-	-	-	-	24.1	522
3x25+54.6	3x25	7	6.0	1.4	1x54.6	7	9.5	1.6	-	-	-	-	23.1	486
3x25+54.6+1x16	3x25	7	6.0	1.4	1x54.6	7	9.5	1.6	1x16	7	4.8	1.2	24.4	549
3x25+54.6+2x16	3x25	7	6.0	1.4	1x54.6	7	9.5	1.6	2x16	7	4.8	1.2	26.1	612
3x35+54.6	3x35	7	7.0	1.6	1x54.6	7	9.5	1.6	-	-	-	-	25.6	592
3x35+54.6+1x16	3x35	7	7.0	1.6	1x54.6	7	9.5	1.6	1x16	7	4.8	1.2	26.7	655
3x35+54.6+2x16	3x35	7	7.0	1.6	1x54.6	7	9.5	1.6	2x16	7	4.8	1.2	28.1	717
3x50+54.6	3x50	7	8.1	1.6	1x54.6	7	9.5	1.6	-	-	-	-	27.5	702
3x50+54.6+1x16	3x50	7	8.1	1.6	1x54.6	7	9.5	1.6	1x16	7	4.8	1.2	28.3	764
3x50+54.6+2x16	3x50	7	8.1	1.6	1x54.6	7	9.5	1.6	2x16	7	4.8	1.2	29.7	827
3x70+54.6	3x70	12	10.0	1.8	1x54.6	7	9.5	1.6	-	-	-	-	31.6	921
3x70+54.6+1x16	3x70	12	10.0	1.8	1x54.6	7	9.5	1.6	1x16	7	4.8	1.2	32.0	984
3x70+54.6+2x16	3x70	12	10.0	1.8	1x54.6	7	9.5	1.6	2x16	7	4.8	1.2	33.1	1047
3x70+54.6+1x25	3x70	12	10.0	1.8	1x54.6	7	9.5	1.6	1x25	7	6.0	1.4	32.9	1017
3x70+54.6+2x25	3x70	12	10.0	1.8	1x54.6	7	9.5	1.6	2x25	7	6.0	1.4	34.8	1114
3x70+70	3x70	12	10.0	1.8	1x70	7	10.2	1.5	-	-	-	-	31.5	951
3x70+70+1x16	3x70	12	10.0	1.8	1x70	7	10.2	1.5	1x16	7	4.8	1.2	31.9	1014
3x70+70+2x16	3x70	12	10.0	1.8	1x70	7	10.2	1.5	2x16	7	4.8	1.2	32.9	1077
3x95+70	3x95	19	11.7	1.8	1x70	7	10.2	1.5	-	-	-	-	34.9	1188

No. of core & size	Phase Core				Neutral Core				Street Lighting Core				Complete Cable	
	No. & area	No. of wire	Approx. diam. of conductor	Insulation thickness	No. & area	No. of wire	Approx. diam. of conductor	Insulation thickness	No. & area	No. of wire	Approx. diameter of conductor	Insulation thickness	Overall diam.	Approx. weight
mm <sup>2</sup>	mm <sup>2</sup>	No.	mm	mm	mm <sup>2</sup>	No.	mm	mm	mm <sup>2</sup>	No.	mm	mm	mm	kg/km
3x95+70+1x16	3x95	19	11.7	1.8	1x70	7	10.2	1.5	1x16	7	4.8	1.2	35.0	1250
3x95+70+2x16	3x95	19	11.7	1.8	1x70	7	10.2	1.5	2x16	7	4.8	1.2	35.9	1313
3x120+70	3x120	19	13.0	1.8	1x70	7	10.2	1.5	-	-	-	-	37.2	1410
3x120+70+1x16	3x120	19	13.0	1.8	1x70	7	10.2	1.5	1x16	7	4.8	1.2	37.0	1473
3x120+70+2x16	3x120	19	13.0	1.8	1x70	7	10.2	1.5	2x16	7	4.8	1.2	37.8	1536
3x150+70	3x150	19	14.4	1.7	1x70	7	10.2	1.5	-	-	-	-	39.4	1617
3x150+70+1x16	3x150	19	14.4	1.7	1x70	7	10.2	1.5	1x16	7	4.8	1.2	39.0	1680
3x150+70+2x16	3x150	19	14.4	1.7	1x70	7	10.2	1.5	2x16	7	4.8	1.2	39.6	1742
3x120+95	3x120	19	13.0	1.8	1x95	19	12.5	1.6	-	-	-	-	38.7	1495
3x120+95+1x16	3x120	19	13.0	1.8	1x95	19	12.5	1.6	1x16	7	4.8	1.2	38.7	1558
3x120+95+2x16	3x120	19	13.0	1.8	1x95	19	12.5	1.6	2x16	7	4.8	1.2	39.0	1621
3x150+95	3x150	19	14.4	1.7	1x95	19	12.5	1.6	-	-	-	-	40.9	1701
3x150+95+1x16	3x150	19	14.4	1.7	1x95	19	12.5	1.6	1x16	7	4.8	1.2	40.9	1764
3x150+95+2x16	3x150	19	14.4	1.7	1x95	19	12.5	1.6	2x16	7	4.8	1.2	40.8	1828

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