

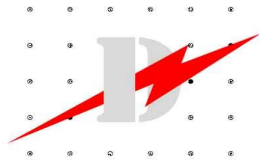
CONDUCTOR INFORMATION

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DULHUNTY POWER

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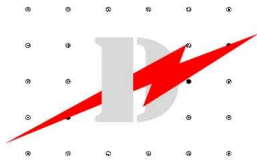
SECTION M

Nominal Cross Sectional Area sqmm

DULHUNTY POWER

Nominal. Cross Sectional Area mm ²	Conductor O.D.	
	mm	Inch
0.5	.80	.031
1.0	1.13	.044
1.5	1.38	.054
	1.50	.059
2.5	2.01	.079
4	2.55	.100
6	3.12	.122
10	4.05	.159
16	5.10	.200
25	6.42	.252
	6.75	.265
35	7.65	.301
50	8.90	.350

Nominal. Cross Sectional Area mm ²	Conductor O.D.	
	mm	Inch
70	10.70	.421
95	12.46	.490
	12.60	.496
120	14.21	.559
150	15.75	.620
185	17.64	.694
240	20.25	.797
300	22.68	.892
400	25.65	1.009
500	28.80	1.133
630	32.76	1.289
800	37.05	1.458
1000	41.60	1.637



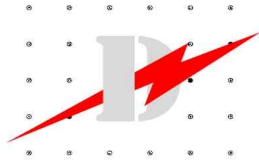
CONDUCTOR INFORMATION

SECTION M

Aluminium Conductor (Galvanized) Steel Reinforced ACSR/GZ / 1350 Aust. Standard - AS 3607

DULHUNTY POWER

Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
Almond	6/1/2.50	7.50	10.5	119
Apple	6/1/3.00	9.00	14.9	171
Banana	6/1/3.75	11.25	22.7	268
Cherry	6/4.75+7/1.60	14.30	33.4	402
Grape	30/7/2.50	17.50	63.5	677
Lemon	30/7/3.00	21.00	90.4	973
Lime	30/7/3.50	24.50	122	1320
Mango	54/7/3.00	27.00	119	1440
Orange	54/7/3.25	29.25	137	1690
Olive	54/7/3.50	31.50	159	1960
Pawpaw	54/3.75+19/2.25	33.75	178	2240
Peach	54/4.75+19/2.85	42.75	284	3600



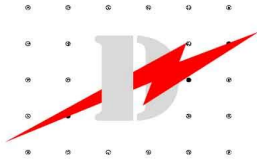
CONDUCTOR INFORMATION

SECTION M

Aluminium Conductor (Aluminised) Steel Reinforced ACSR/AZ /1350 Aust. Standard - AS 3607

DULHUNTY POWER

Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
Barley	6/1/2.50	7.50	10.2	118
Bean	6/1/3.00	9.00	14.5	170
Cabbage	6/1/3.75	11.25	21.4	265
Carrot	6/4.75+7/1.60	14.30	32.0	399
Corn	30/7/2.50	17.50	61.6	675
Garlic	30/7/3.00	21.00	87.2	973
Millet	30/7/3.50	24.50	116	1320
Oats	54/7/3.00	27.00	115	1440
Onion	54/7/3.25	29.25	132	1690
Parsnip	54/7/3.50	31.50	153	1960
Potato	54/3.75+19/2.25	33.75	177	2250
Rice	54/4.75+19/2.85	42.80	277	3600



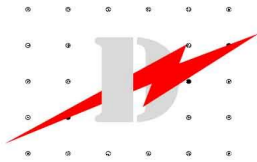
CONDUCTOR INFORMATION

SECTION M

Aluminium Conductor (Aluminium Clad) Steel Reinforced ACSR/AC / 1350 Aust. Standard - AS 3607

DULHUNTY POWER

Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
Angling	6/1/2.50	7.50	10.6	113
Archery	6/1/3.00	9.00	15.1	163
Baseball	6/1/3.75	11.25	22.3	254
Bowls	6/4.75+7/1.60	14.30	32.7	385
Cricket	30/7/2.50	17.50	64.4	636
Darts	30/7/3.00	21.00	91.6	913
Diving	30/7/3.50	24.50	122	1240
Golf	54/7/3.00	27.00	120	1380
Gymnastics	54/7/3.25	29.25	139	1620
Hurdles	54/7/3.50	31.50	159	1880
Lacrosse	54/3.75+19/2.25	33.75	180	2150
Rugby	54/4.75+19/2.85	42.80	287	3450



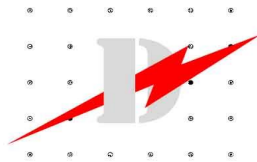
CONDUCTOR INFORMATION

SECTION M

Aluminium Conductor (Galvanized) Steel Reinforced ACSR/GZ Aust. Standard - AS 3607 Extra High Strength

DULHUNTY POWER

Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
Quince	3/4/1.75	5.25	12.7	95.9
Raisin	3/4/2.50	7.50	24.4	193
Sultana	4/3/3.00	9.00	28.3	242
Walnut	4/3/3.75	11.25	43.9	379



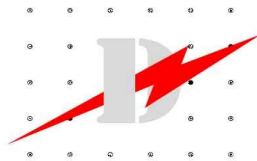
CONDUCTOR INFORMATION

SECTION M

Aluminium Conductor AAC / 1350 Aust. Standard - AS 1531

DULHUNTY POWER

Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
Leo	7/2.50	7.50	5.71	94.3
Libra	7/3.00	9.00	7.98	135
Mars	7/3.75	11.30	11.8	211
Mercury	7/4.50	13.50	16.9	304
Moon	7/4.75	14.30	18.9	339
Neptune	19/3.25	16.30	24.7	433
Pluto	19/3.75	18.80	31.9	576
Saturn	37/3.00	21.00	42.2	721
Taurus	19/4.75	23.80	51.3	924
Triton	37/3.75	26.30	62.2	1120
Uranus	61/3.25	29.30	75.2	1400
Venus	61/3.75	33.80	97.2	1860
Virgo	91/4.50	49.50	207	4010



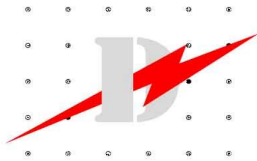
CONDUCTOR INFORMATION

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All Aluminium Alloy Conductor AAAC 6201 Aust. Standard - AS 1531

DULHUNTY POWER

Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
Diamond	7/2.50	7.50	9.64	94.3
Dolomite	7/2.75	8.25	11.6	113
Emerald	7/3.00	9.00	13.9	135
Garnet	7/3.75	11.25	21.7	211
Jade	7/4.50	13.50	31.2	304
Jasper	7/4.75	14.25	34.8	339
Opal	19/3.25	16.30	44.2	433
Patronite	19/3.50	17.50	51.3	503
Pearl	19/3.75	18.75	58.8	576
Ruby	37/3.00	21.00	73.5	721
Ruthenium	37/3.25	22.75	86.1	845
Rutile	19/4.75	23.75	94.4	924
Sapphire	37/3.75	26.25	115	1120
Spinel	61/3.25	29.25	135	1400
Tantalum	61/3.50	31.50	156	1620
Topaz	61/3.75	33.75	179	1860
Zircon	91/4.50	49.50	384	4000



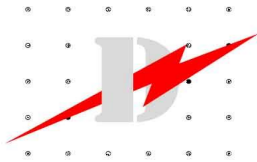
CONDUCTOR INFORMATION

SECTION M

All Aluminium Alloy Conductor AAAC 1120 Aust. Standard - AS 1531

DULHUNTY POWER

Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
Chlorine	7/2.50	7.50	8.18	94.3
Chromium	7/2.75	8.25	9.91	113
Fluorine	7/3.00	9.00	11.8	135
Helium	7/3.75	11.25	17.6	211
Hydrogen	7/4.50	13.50	24.3	304
Iodine	7/4.75	14.25	27.1	339
Krypton	19/3.25	16.25	37.4	433
Lutetium	19/3.50	17.50	41.7	503
Neon	19/3.75	18.75	47.8	576
Nitrogen	37/3.00	21.00	62.2	721
Nobelium	37/3.25	22.75	72.8	845
Oxygen	19/4.75	23.75	73.6	924
Phosphorus	37/3.75	26.25	93.1	1120
Selenium	61/3.25	29.25	114	1400
Silicon	61/3.50	31.50	127	1620
Sulphur	61/3.75	33.75	145	1860



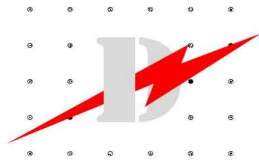
CONDUCTOR INFORMATION

SECTION M

Steel Conductor / Galvanized
SC/GZ Aust. Standard - AS 1222 Part 1

DULHUNTY POWER

Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
3/2.00	4.31	11.70	74
3/2.75	5.93	22.20	140
7/2.00	6.00	26.00	173
7/2.75	8.25	49.00	328
7/3.25	9.75	68.70	458
19/2.00	10.00	70.50	473
7/3.75	11.25	91.30	609
19/2.75	13.75	133.00	894
19/3.25	16.25	186.00	1250



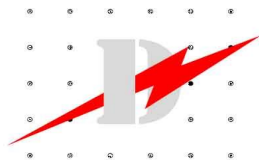
CONDUCTOR INFORMATION

SECTION M

Hard Drawn Copper Conductor HDC Aust. Standard - AS 1746

DULHUNTY POWER

Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
7/1.00	3.00	2.32	49.3
7/1.25	3.75	3.59	76.9
7/1.75	5.25	6.89	151
7/2.00	6.00	8.89	197
7/2.75	8.25	16.20	375
7/3.50	10.50	25.40	607
19/2.00	10.00	23.60	538
19/2.75	13.75	43.10	1020
19/3.00	15.00	50.80	1210
37/1.75	12.25	35.60	806
37/2.50	17.50	70.30	1640
37/2.75	19.25	83.90	1990
37/3.00	21.00	98.90	2370
61/2.75	24.75	138.00	3290



CONDUCTOR INFORMATION

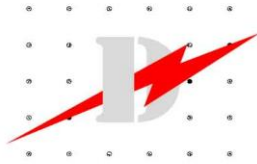
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DULHUNTY POWER

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CONDUCTOR INFORMATION

All Aluminium Conductor

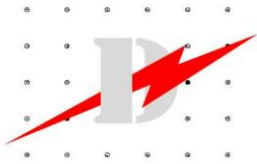
SECTION M

ASC to BS 125

DULHUNTY POWER

Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
Midge	7/2.06	6.18	3.99	64
Gnat	7/2.21	6.63	4.81	73
Aphis	3/3.35	7.2	4.37	73
Mosquito	7/2.59	7.77	6.33	101
Weevil	3/3.66	7.9	5.1	86
Ladybird	7/2.79	8.38	7.26	117
Ant	7/3.10	9.3	8.28	145
Fly	7/3.40	10.21	9.9	174
Bluebottle	7/3.66	10.98	11.77	202
Earwig	7/3.78	11.35	12.56	215
Grasshopper	7/3.91	11.73	13.3	230
Clegg	7/4.17	12.51	14.9	262
Wasp	7/4.39	13.18	16.32	290
Beetle	19/2.67	13.35	17.76	293
Bee	7/4.90	14.7	20.2	361

Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
Cricket	7/5.36	16.08	24.03	432
Hornet	19/3.25	16.26	25.2	434
Caterpillar	19/3.53	17.65	29.3	512
Chafer	19/3.78	18.92	32.4	587
Spider	19/3.99	19.95	36.6	652
Cockroach	19/4.22	21.08	40.4	731
Butterfly	19/4.65	23.25	48.75	868
Moth	19/5.00	25	55.92	1027
Drone	37/3.58	25.06	56.2	1029
Centipede	37/3.78	26.46	62.05	1145
Locust	19/5.36	26.8	63.9	1179
Maybug	37/4.09	28.63	71.5	1342
Scorpion	37/4.27	29.87	77.2	1460
Cicada	37/4.65	32.55	90.45	1733
Tarantula	37/5.23	36.61	122.5	2191



CONDUCTOR INFORMATION

SECTION M

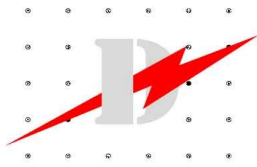
Aluminium Conductor (Galvanized) Steel Reinforced

ACSR to BS 215

DULHUNTY POWER

Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
Mole	6/1/1.50	4.5	4.18	43
Squirrel	6/1/2.11	6.33	7.55	85
Gopher	6/1/2.36	7.09	9.61	106
Weasel	6/1/2.59	7.77	11.45	128
Fox	6/1/2.79	8.37	13.15	148
Ferret	6/1/3.00	8.99	15.2	172
Rabbit	6/1/3.35	10.05	18.35	214
Mink	6/1/3.66	10.97	21.8	255
Beaver	6/1/3.99	11.97	25.75	303
Raccoon	6/1/4.09	12.27	27.05	319

Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
Otter	6/1/4.22	12.66	28.8	339
Skunk	12/7/2.59	12.95	52.9	464
Cat	6/1/4.50	13.5	32.65	386
Horse	12/7/2.79	13.95	25.7	538
Hare	6/1/4.72	14.16	35.95	425
Dog	6/4.72+7/1.57	14.17	32.7	394
Hyena	7/4.39+7/1.93	14.57	41.7	451
Cougar	18/1/3.05	15.25	30.4	419
Leopard	6/5.28+7/1.75	15.81	40.75	492
Coyote	26/2.54+7/1.91	15.88	46.35	521



CONDUCTOR INFORMATION

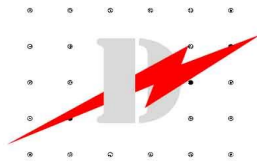
SECTION M

Aluminium Conductor (Galvanized) Steel Reinforced

ACSR to BS 215

DULHUNTY POWER

Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km	Code Name	Strands/ Wire Diameter mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN	Nominated Mass kg per km
Tiger	30/7/2.36	16.54	58	602	Goat	30/7/0.146	25.96	135.8	1489
Dingo	18/1/3.35	16.75	35.7	506	Antelope	54/7/2.97	26.73	118.5	1415
Caracal	18/1/3.61	18.05	41.8	587	Bison	54/7/3.00	27	120.9	1443
Wolf	30/7/2.59	18.14	69.2	726	Sheep	30/7/3.99	27.93	156.3	1722
Jaguar	18/1/3.86	19.3	46.55	671	Zebra	54/7/3.18	28.62	131.9	1621
Lynx	30/7/2.79	19.56	79.8	842	Deer	30/7/4.27	29.89	178.6	1973
Panther	30/7/3.00	20.98	92.25	974	Camel	54/7/3.35	30.15	145.9	1799
Lion	30/7/3.18	22.26	100.4	1094	Elk	30/7/4.50	31.5	198.3	2190
Bear	30/7/3.35	23.47	111.2	1214	Moose	54/7/3.53	31.77	161	1998
Batang	18/4.78+7/1.68	24.16	69.6	1015	Moa	76/3.72+7/2.89	38.4	180.6	2641



CONDUCTOR INFORMATION

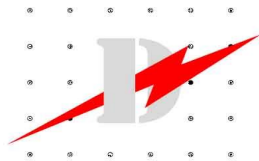
SECTION M

All Aluminium Conductor AAC NZ

DULHUNTY POWER

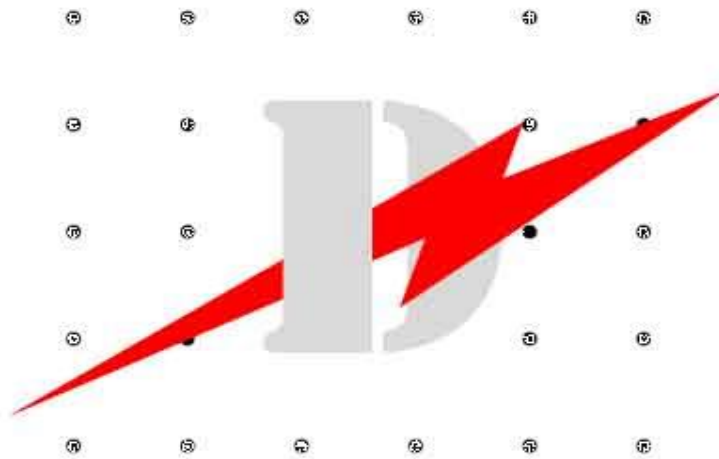
Code Name	Strands/ Wire Diameter Mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN
Namu	7/2.11	6.33	4.1
Gnat	7/2.05	6.62	4.8
Poko	7/2.36	7.08	5.1
Ladybird	7/2.80	8.40	7.2
Kutu	7/3.00	9.00	7.9
Fly	7/3.40	10.20	9.9
Rango	7/3.66	10.98	11.7
Grasshopper	7/3.91	11.73	13.3
Moka	7/4.09	12.26	
Wasp	7/4.40	13.20	16.0
Beetle	19/2.66	13.35	17.8
Weke	7/4.72	14.16	18.5
Bee	7/4.90	14.70	20.2

Code Name	Strands/ Wire Diameter Mm	Overall Diameter (approx) mm	Nominated Minimum Breaking Load kN
Cricket	7/5.30	16.10	24.1
Hornet	19/3.25	16.25	25.0
Weta	19/3.35	16.75	26.2
Huhu	37/2.52	17.60	30.1
Caterpillar	19/3.50	17.70	29.3
Chafer	19/3.78	18.90	32.4
Mata	19/3.86	19.30	33.8
Spider	19/3.40	19.94	36.6
Cockroach	19/4.21	21.10	40.4
Butterfly	19/4.64	23.25	48.8
Centipede	37/3.78	26.46	62.1
Cicada	37/4.65	32.54	90.5



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