

## Bare Overhead Conductors TYPE SC/GZ & SC/AC

- SC/GZ Galvanised steel conductors manufactured to AS 1222.1
- SC/AC Aluminium-clad steel conductors manufactured to AS 1222.2



Note: The above drawing is for representation purpose only.

### Cable Construction:

- Conductor SC/GZ: Galvanised steel conductors
- Conductor SC/AC: Aluminium-clad steel conductors

### Standards Compliance

SC/GZ to AS 1222.1, SC/AC to AS 1222.2

### Physical & Electrical characteristics

Conductor Code	Strand/Wire Diameter no/mm	Cross-sectional area mm <sup>2</sup>	Nominal Overall diameter mm	Approximate mass kg/km	Breaking Load kN	DC resistance @20°C Ω/km
<b>TYPE SC/GZ</b>						
Galsteel 3/2.00	3/2.00	9.43	4.3	74	11.7	20
Galsteel 3/2.75	3/2.75	17.8	5.9	140	22.2	11
Galsteel 7/2.00	7/2.00	22	6	173	26	8.7
Galsteel 7/2.75	7/2.75	41.6	8.3	328	49	4.6
Galsteel 7/3.25	7/3.25	58.1	9.8	458	68.7	3.3
Galsteel 7/3.75	7/3.75	77.3	11.3	609	91.3	2.5
Galsteel 19/2.00	19/2.00	59.7	10	473	70.5	3.2
Galsteel 19/2.75	19/2.75	113	13.8	894	133	1.7
Galsteel 19/3.25	19/3.25	158	16.3	1250	186	1.2
<b>TYPE SC/AC</b>						
ALCLAD 3/2.75	3/2.75	17.82	5.9	118	22.7	4.8
ALCLAD 3/3.00	3/3.00	21.21	6.5	141	27	4.02
ALCLAD 3/3.25	3/3.25	24.89	7	165	31.6	3.42
ALCLAD 3/3.75	3/3.75	33.12	8.1	220	39.3	2.58
ALCLAD 7/2.75	7/2.75	41.58	8.3	277	50.1	2.06
ALCLAD 7/3.00	7/3.00	49.48	9	330	59.7	1.73
ALCLAD 7/3.25	7/3.25	58.07	9.8	387	69.9	1.47
ALCLAD 7/3.75	7/3.75	77.28	11.3	515	86.9	1.11
ALCLAD 7/4.25	7/4.25	99.33	12.8	662	105	0.864
ALCLAD 19/2.75	19/2.75	112.9	13.8	755	136	0.764
ALCLAD 19/3.00	19/3.00	134.3	15	899	162	0.642
ALCLAD 19/3.25	19/3.25	157.6	16.3	1060	189	0.545
ALCLAD 19/3.75	19/3.75	209.8	18.8	1410	236	0.411
ALCLAD 19/4.25	19/4.25	269.6	21.3	1800	286	0.32

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