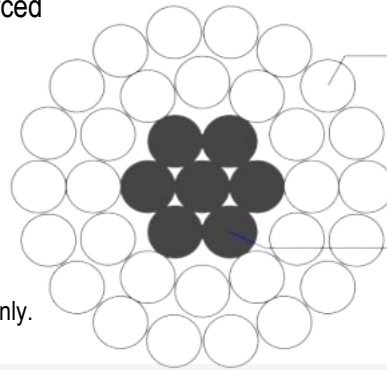


Bare Overhead Conductors TYPE ACSR/GZ to AS 3607-1989

-Aluminum conductors, galvanised steel reinforced



Conductor 1:
Aluminum Wire

Conductor 2:
Galvanised Steel Wire

Note: The above drawing is for representation purpose only.

Cable Construction:

Conductor 1: Aluminum Conductor

Conductor 2: Galvanised Steel Wire

Standards Compliance

AS 3607:1989 Conductors-Bare overhead,aluminium and aluminium alloy-Steel reinforced

Physical & Electrical characteristics

Conductor Code Name	Strand/Wire		Cross-sectional area			Nominal Overall diameter mm	Approximate mass kg/km	Breaking Load kN	DC resistance @20°C Ω/km
	Aluminum no/mm	Steel no/mm	Aluminum mm ²	Steel mm ²	Total mm ²				
Almond	6/2.50	1/2.50	29.2	4.9	34.1	7.5	119	10.5	0.975
Apricot	6/2.75	1/2.75	35.6	5.9	41.5	8.3	144	12.6	0.805
Apple	6/3.00	1/3.00	42.4	7.1	49.5	9.0	171	14.9	0.677
Banana	6/3.75	1/3.75	66.3	11	77.3	11.3	268	22.7	0.433
Cherry	6/4.75	7/1.60	106	14.1	120.1	14.3	402	33.4	0.271
Grape	30/2.50	7/2.50	147	34.4	181.4	17.5	677	63.5	0.196
Lemon	30/3.00	7/3.00	212	49.5	261.5	21.0	973	90.4	0.136
Lychee	30/3.25	7/3.25	249	58.1	307.1	22.8	1140	105	0.116
Lime	30/3.50	7/3.50	289	67.3	356.3	24.5	1320	122	0.100
Mango	54/3.00	7/3.00	382	49.5	431.5	27.0	1440	119	0.0758
Orange	54/3.25	7/3.25	448	58.1	506.1	29.3	1690	137	0.0646
Olive	54/3.50	7/3.50	519	67.3	586.3	31.5	1960	159	0.0557
Pawpaw	54/3.75	19/2.25	596	75.5	671.5	33.8	2240	178	0.0485
Peach	54/4.75	19/2.85	957	121	1078	42.8	3600	284	0.0303
Quince	3/1.75	4/1.75	7.2	9.6	16.8	5.3	95	12.7	3.25
Raisin	3/2.50	4/2.50	14.7	19.6	34.3	7.5	195	24.4	1.59
Sultana	4/3.00	3/3.00	28.3	21.2	49.5	9.0	243	28.3	0.897
Walnut	4/3.75	3/3.75	44.2	33.1	77.3	11.3	380	43.9	0.573

Note: If customer has conductor grease requirement, please contact us.

The information in this specification is to be used as a reference only. AKY Cable has already taken all due care to ensure accurate information in this specification but accepts no liability for errors or omissions. AKY Cable reserves the right to modify the specification at any time.