

ALUMINUM OVERHEAD LINE

SPECIFICATION: BS 215 Part 1, NIS 231

TYPE: AOHL

IDENTIFICATION: A: Aluminum
OH: Overhead
L: Line (Conductor)

APPLICATION: For use in low voltage lines (sometimes up to 66kv) and also as flexible bus bar connections in High voltage substations.

DIMENSIONAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm	CONDUCTOR OR NUMBER X DIAMETER OF WIRE mm	APPROXIMATE OVERALL DIAMETER mm	MAXIMUM CURRENT RATING A	WEIGHT kg/ STANDARD LENGTH kg	STANDARD DELIVERY LENGTH m	DELIVERY FORM drum
			in air			
16	7/1.70	5.1	81	608	14,000	R12
25	7/2.10	6.3	107	398	6,000	R10
35	7/2.50	7.5	133	329	3,500	R10
50	19/1.80	9.0	167	797	6,000	R12
70	19/2.10	10.5	200	723	4,000	R12
95	19/2.50	12.5	252	769	3,000	R12
100	19/2.67	13.4	259	877	3,000	R12
120	19/2.80	14.0	289	804	2,500	R12
150	19/3.25	16.3	337	866	2,000	R12
185	37/2.50	17.5	385	1500	3,000	R12
240	61/2.25	20.3	463	1338	2,000	R16
300	61/2.50	22.5	525	1652	2,000	R16
400	61/2.89	26.0	633	1104	1,000	R16
500	61/3.23	29.1	733	1379	1,000	R14
630	91/2.96	32.6	844	1732	1,000	R18
800	91/3.35	36.9	992	2220	1,000	R20
1000	91/3.74	41.1	1140	2770	1,000	R22

Solid aluminum conductor up to 10 mm²

*Greater number of conductors also available