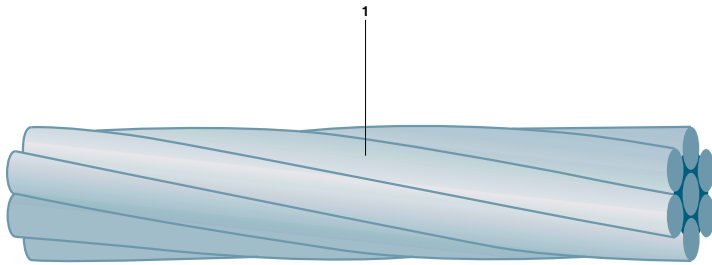


# BARE HARD DRAWN STRANDED ALL ALUMINIUM CONDUCTORS (AAC)



1. Bare Aluminium Conductor

DESCRIPTION	<p>All aluminium conductors (AAC) are usually manufactured to meet the latest revisions of the following specifications:</p> <p>ASTM B231 BS:215: Part 1 - BS EN 50182 DIN 48 201 IEC:61089</p> <p>Sizes and stranding in accordance with above specifications may be found in the following tables. Any other sizes and stranding will be manufactured by request according to any international or customer specification. Permissible variations of shipping lengths and random lengths, if not otherwise agreed, shall be in accordance with relevant standards.</p>
FEATURES	<ol style="list-style-type: none"> <li>1. Good-corrosion resistance.</li> <li>2. Easily handled and installed.</li> <li>3. Very light in weight for overhead lines.</li> </ol>
APPLICATION	AAC conductors are widely used for short span distribution lines, feeders and bus bars of substations.
TO ORDER	Order by catalogue number, quantity and packaging required.

Note: In the interests of product improvement. GC3 reserve the right to alter cable specifications.

Catalogue No.	Conductor			Characteristics			Packaging	
	Cross sectional area Nominal	Number and nominal dia. of wires no. x	Overall dimensions Approx	DC resistance at 20oc	Ampacity	Calculated Breaking Load	Net weight Approx	Standard Packaging
	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>	ohms/km	amps	KN	Kg/Km	m±5%
<b>Bare stranded conductor to DIN 48201-5</b>								
HX-38H	16	7x1.70	5.1	1.8018	110	2.8	43	10000
HX-48H	25	7x2.10	6.3	1.1808	145	4.1	67	10000
HX-53H	35	7x2.50	7.5	0.8332	180	5.7	94	8000
HX-60H	50	7x3.00	9.0	0.5786	225	7.9	135	7000
HX-59H	50	19x1.80	9.0	0.5950	225	8.4	133	6000
HX-64H	70	19x2.10	10.5	0.4371	270	11.3	181	5000
HX-68H	95	19x2.50	12.5	0.3085	340	15.6	256	5000
HX-72H	120	19x2.80	14.0	0.2459	390	18.7	321	5000
HX-77H	150	37x2.25	15.7	0.1960	455	25.3	404	4000
HX-80H	185	37x2.50	17.5	0.1587	520	30.5	499	4000
HX-84H	240	61x2.25	20.3	0.1191	625	39.5	666	3000
HX-87H	300	61x2.50	22.5	0.0965	710	47.7	823	3000
HX-88H	400	61x2.89	26.0	0.0722	955	60.8	1099	2500
HX-89H	500	61x3.23	29.1	0.0578	990	74.6	1373	2000