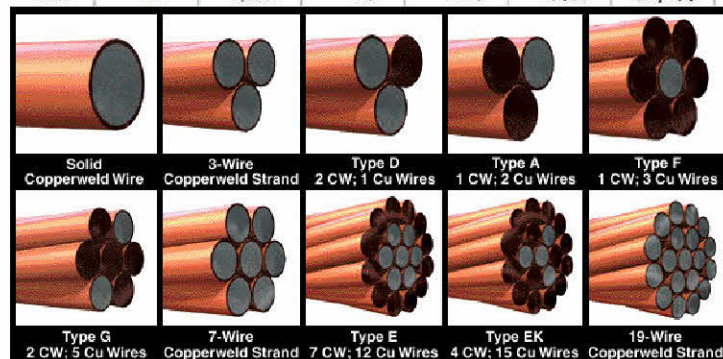


Conductor Size AWG	Nominal Diameter		Average Breaking Load				Weight		Cross Section		Approximate Short-Time Fusing Currents at 30 Cycles (Amperes)	
			40% Conductivity		30% Conductivity		Pounds per 1,000 Ft	kg/km	Circular Mills	mm <sup>2</sup>	Cond. 40%	Cond. 30%
	Inches	mm	Pounds	kN	Pounds	kN						
<b>19-Wire Strand</b>												
19 No. 5	.910	23.11	24,700	109.9	29,600	131.7	1700.0	2529.7	628,900	318.71	104,000	93,000
19 No. 6	.810	20.57	19,600	87.2	23,500	104.5	1403.0	2087.7	498,800	252.71	83,000	74,000
19 No. 7	.721	18.31	15,500	69.0	18,600	82.7	1113.0	1656.2	395,500	200.45	66,000	58,000
19 No. 8	.642	16.31	12,300	54.7	14,800	65.8	882.7	1313.5	313,700	158.97	52,000	46,000
19 No. 9	.572	14.53	9,770	43.5	11,700	52.0	700.0	1041.8	248,800	126.06	41,000	37,000
<b>7-Wire Strand</b>												
7 No. 4	.613	15.57	11,500	51.2	13,800	61.4	818.9	1218.6	292,200	148.04	49,000	43,000
7 No. 5	.546	13.87	9,100	40.5	10,900	48.5	649.4	966.4	231,700	117.42	38,000	34,000
7 No. 6	.486	12.34	7,210	32.1	8,660	38.5	515.0	766.4	183,800	93.10	31,000	27,000
7 No. 7	.433	11.00	5,730	25.5	6,870	30.6	408.4	607.8	145,700	73.87	24,000	22,000
7 No. 8	.385	9.78	4,540	20.2	5,450	24.2	323.9	482.0	115,600	68.65	19,000	17,000
7 No. 9	.343	8.71	3,600	16.0	4,320	19.2	256.9	382.3	91,650	46.44	15,000	14,000
7 No. 10	.306	7.77	2,850	12.7	3,420	15.2	203.7	303.1	72,680	36.83	12,000	11,000
<b>Solid Wire</b>												
No. 2	.258	6.54	2,350	10.5	2,610	11.6	184.2	274.1	66,370	33.62	11,000	9,800
No. 4	.204	5.19	1,480	6.9	1,640	7.3	115.8	172.3	41,740	21.15	6,900	6,200
No. 6	.162	4.11	930	4.1	1,030	4.6	72.9	108.4	26,250	13.30	4,400	3,900



DATE 00/00/00

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OTDS Ltd

COPPERWELD CONDUCTOR

UNIT 11, SPITFIRE BUSINESS PARK  
1. HAWKER ROAD. CROYDON.

DESCRIPTION:

CUSTOMER:

SUPPLY DEPARTMENT

DRAWING NO

030

COPPERWELD CONDUCTOR

OUR REF 000000

YOU'RE REF

00000