

USEFUL REFERENCE TABLES



PTY
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OVERHEAD CONDUCTORS

AAC				AAAC (1120)				AAAC (6201A)				ACSR			
CODE	STRAND	O.D.	AREA	CODE	STRAND	O.D.	AREA	CODE	STRAND	O.D.	AREA	CODE	STRAND	O.D.	AREA
	AL	mm	mm ²		AL	mm	mm ²		AL	mm	mm ²		AL	mm	mm ²
Gemini	7/1.75	5.25	16.8	Argon	7/1.75	5.25	16.8	Agate	7/1.75	5.25	16.8	Quince*	3/4/1.75	5.25	16.8
Jupiter	7/2.25	6.75	27.8	Boron	7/2.25	6.75	27.8	Amethyst	7/2.25	6.75	27.8				
Leo	7/2.50	7.50	34.4	Chlorine	7/2.50	7.50	34.4	Diamond	7/2.50	7.50	34.4	Almond	6/1/2.50	7.50	34.4
												Raisin*	3/4/2.50	7.50	34.4
Leonids	7/2.75	8.25	41.6	Chromium	7/2.75	8.25	41.6	Dolomite	7/2.75	8.25	41.6				
Libra	7/3.00	9.00	49.5	Fluorine	7/3.00	9.00	49.5	Emerald	7/3.00	9.00	49.5	Apple	6/1/3.00	9.00	49.5
												Sultana*	4/3/3.00	9.00	49.5
Mars	7/3.75	11.25	77.3	Helium	7/3.75	11.25	77.3	Garnet	7/3.75	11.25	77.3	Banana	6/1/3.75	11.25	77.3
												Walnut*	4/3/3.75	11.25	77.3
Mercury	7/4.50	13.50	111.3	Hydrogen	7/4.50	13.50	111.3	Jade	7/4.50	13.50	111.3				
Moon	7/4.75	14.25	124.0	Iodine	7/4.75	14.25	124.0	Jasper	7/4.75	14.25	124.0				
												Cherry	6/4.75	14.30	120.4
Neptune	19/3.25	16.25	157.6	Krypton	19/3.25	16.25	157.6	Opal	19/3.25	16.25	157.6				
Orion	19/3.50	17.50	182.8	Lutetium	19/3.50	17.50	182.50	Patronite	19/3.50	17.50	182.50	Grape	30/7/2.50	17.50	181.6
Pluto	19/3.75	18.75	209.8	Neon	19/3.75	18.75	209.8	Pearl	19/3.75	18.75	209.8				
Saturn	37/3.00	21.00	261.5	Nitrogen	37/3.00	21.00	261.5	Ruby	37/3.00	21.00	261.5	Lemon	30/7/3.00	21.00	261.5
Sirius	37/3.25	22.75	306.9	Nobelium	37/3.25	22.75	306.9	Ruthenium	37/3.25	22.75	306.9				
Taurus	19/4.75	23.75	336.7	Oxygen	19/4.75	23.75	336.7	Rutile	19/4.75	23.75	336.7				
												Lime	30/7/3.50	24.50	356.0
Triton	37/3.75	26.25	408.6	Phosphorus	37/3.75	26.25	408.6	Sapphire	37/3.75	26.25	408.6				
												Mango	54/7/3.00	27.00	431.2
Uranus	61/3.25	29.25	506.4	Selenium	61/3.25	29.25	506.4	Spinel	61/3.25	29.5	506.4	Orange	54/7/3.25	29.25	506.4
Ursula	61/3.50	31.50	586.9	Silicon	61/3.50	31.50	586.9	Tantalum	61/3.50	31.50	586.9	Olive	54/7/3.50	31.50	586.9
Venus	61/3.75	33.75	673.7	Sulphur	61/3.75	33.75	673.7	Topaz	61/3.75	33.75	673.7	Paw Paw	54/3.75	33.75	672.0
												Peach	54/4.75	42.75	1078.0
Virgo	91/4.50	49.50	1447.0	Xenon	91/4.50	49.50	1447.0	Zircon	91/4.50	49.50	1447.0				

STRANDED HARD DRAWN COPPER CONDUCTOR SIZES - METRIC AND IMPERIAL

CODE NAME	METRIC		CODE NAME	IMPERIAL	
	CONDUCTOR O.D.			CONDUCTOR O.D.	
	mm	inches		mm	inches
7/1.00	3.00	.118	7/036	2.7	.108
7/1.25	3.75	.148	7/048	3.7	.144
7/1.75	5.25	.207	7/064	4.9	.192
7/2.0	6.00	.236	7/080	6.1	.240
7/2.75	8.25	.325	19/064	8.1	.320
19/1.75	8.75	.345	7/118	9.0	.354
19/2.0	10.0	.394	7/136	10.3	.408
7/3.50	10.5	.413	19/083	10.5	.415
37/1.75	12.25	.484	37/072	12.8	.504
19/2.75	13.75	.541	-	-	-
19/3.00	15.0	.591	19/116	14.7	.580
37/2.50	17.5	.689	37/093	16.5	.651
37/2.75	19.25	.758	37/103	18.3	.721
37/3.00	21.0	.827	37/118	21.0	.826
61/2.75	24.75	.974	91/093	26.0	1.023