

TINNED COPPER FLAT BRAID

CONSTRUCTION:

CONDUCTOR : SOFT DRAWN COPPER STRANDS WITH TIN COATING.

ASSEMBLY: INDIVIDUAL TINNED COPPER WIRE ENDS, BRAIDED WITH A SPECIFIED NUMBER OF CARRIERS (STRAND UNITS), WHICH ARE THEN ROLLED FOR SPECIFIC WIDTHS AND THICKNESSES.

Charlotte Wire Part#	Flat Width (in.)	Braid Thickness (in.)	Braid AWG	Braid Circular Mils	Number Of Strands	Current Capacity (Amps)	Approx. Net Wt. (Lbs/Mft)
CW01630	1/40"	.015"	27	200	8 x 36awg	4	3
CW01631	1/32"	.020"	24	400	16 x 36awg	6	4
CW01632	3/64"	.020"	22	600	24 x 36awg	7	5
CW01633	3/32"	.020"	19	1200	48 x 36awg	11	7
CW01634	1/8"	.020"	18	1800	72 x 36awg	16	9
CW01635	5/32"	.020"	16	2400	96 x 36awg	19	11
CW01636	3/16"	.020"	15	3000	120 x 36awg	25	13
CW01637	1/4"	.030"	14	4200	168 x 36awg	32	18
CW01638	9/32"	.030"	11	7630	312 x 36awg	46	28
CW01639	3/8"	.030"	12	7200	288 x 36awg	40	28
CW01640	1/2"	.030"	10	9600	384 x 36awg	53	39
CW01641	5/8"	.035"	9	13200	528 x 36awg	62	50
CW01642	3/4"	.040"	7	20800	864 x 36awg	85	75
CW01643	1"	.045"	7	20800	864 x 36awg	85	75
CW01644	13/16"	.045"	7	22800	912 x 36awg	93	80
CW01645	7/8"	.050"	6	26400	1056 x 36awg	105	95
CW01646	1 ^{5/8} "	.080"	1/0	100800	4032 x 36awg	230	359
CW01647	2"	.140"	3/0	153600	1536 x 30awg	290	530
CW01648	3"	.190"	4/0	225600	2256 x 30awg	390	780

APPLICATION:

For use as a low voltage ground strap where flexing and solderability is needed.

STANDARDS:

ASTM B-33: Tinned Soft or Annealed Copper Wire.

Federal Standard QQ-W-343: Uninsulated Copper Wire.