

Copper Clad Steel Strand Wire

Consisting of a copper cladding metallurgically bonded to a steel core, the copper clad steel strand wire effectively combines the strength of steel with the conductivity and corrosion resistance of copper. Standard copper cladding thicknesses result in 20,30, and 40 percent IACS composite conductivity. The copper clad steel strand wire is also available with two types of steel: a strong, high carbon, heat treated steel for the high-strength.

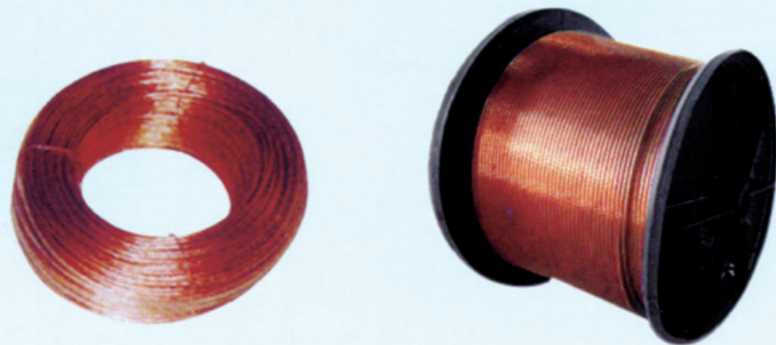
The copper clad steel strand wire is goods choice for the earth connecting in earthing systems.



Main Technical Data of Copper Clad Steel Strand Wire

Normal Cross Section (mm ²)	Overall Diameter (mm)	Q'ty of Strand Wire (Nos)	Weight of 20% IACS (kg/km)	Weight of 30% IACS (kg/km)	Weight of 40% IACS (kg/km)
16	5.10	7	126	127	129
25	6.50	7	199	203	205
35	7.60	7	276	280	285
50	9.00	19	373	385	390
70	11.00	19	540	545	552
95	12.60	19	749	752	773
120	14.00	19	923	935	940
150	16.00	37	1156	1175	1202
185	17.60	37	1467	1476	1504
240	20.00	37	1906	1951	1980
300	22.40	37	2405	2465	2480

Packing Photo of Wire



Copper Clad Round Wire

Diameter of Wire (mm)	φ 4	φ 6	φ 8	φ 10	φ 12	φ 14
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Copper Bonded Flat Bar

Size of Flat Bar	Normal Cross Section (mm ²)	Thickness of Copper (mm)	Length of Flat Bar (meter)
25mm × 4mm	100	≥0.254	6
22mm × 7mm	150	≥0.254	6
27mm × 7mm	190	≥0.254	6
32mm × 7mm	220	≥0.254	6
37mm × 7mm	260	≥0.254	6
40mm × 4mm	160	≥0.254	6
50mm × 5mm	250	≥0.254	6
60mm × 6mm	360	≥0.254	6

Photo of Flat Bar

