

SWG / AWG to sq mm Conversion Chart

Convert wire gauge (SWG/AWG) to the sq mm sizes used on Indian cables.

Indian cables are sold by **cross-sectional area in square millimetres (sq mm)**, but older drawings and imported equipment often quote wire gauge — **SWG** (Standard Wire Gauge) or **AWG** (American Wire Gauge). This chart gives the nearest equivalents.

Area (sq mm)	Nearest AWG	Nearest SWG
0.75	19	20
1.0	18	19
1.5	16	17
2.5	14	14
4.0	12	12
6.0	10	10
10	8	8
16	6	6
25	4	4
35	2	3

Nearest equivalents only. Gauge numbers describe a solid-conductor diameter, while sq mm is total copper area, so stranded cables never map exactly — always specify sq mm when ordering.