

Annealed Copper-Clad Steel Wire

Kumwell Annealed Copper-Clad Steel Wire or CCS is made from copper cladding metallurgical bonded to concentric steel core with continuous solid cladding process. According to International Annealed Copper Standard (IACS), it is taken as 30% conductivity which is suitable for transmission line's and grounding in high corrosive area such as seaside.

Benefit

- High Conductivity
- High corrosion resistance



Code No.	Cable Size (AWG)	Cable Size (mm ²)	Diameter of Wire (mm)	Weight (kg/m)
Single wire				
2AWG	2	33.62	6.54	274
WE-COSW20-50	-	50.24	8.0	402
WE-COSW20-70	-	78.5	10.0	628
7 wire strand				
WE-COSS30-016	4	16.40	1.73	91
WE-COSS30-050	1/0	53.49	3.12	440
WE-COSS30-070	2/0	67.32	3.50	546
WE-COSS30-095	7 No.7	93.09	4.11	766
19 wire strand				
WE-COSS30-120	19 No.9	126.00	2.91	1041
WE-COSS30-150	19 No.8	158.97	3.26	1314
WE-COSS30-240	19 No.6	252.66	4.11	2088



Test Certificate
IEC 62561 Part 2 (For cable size \geq 50 sq.mm only)



Material
Annealed Copper - Clad Steel Wire -
ASTM B 910-B 910 M

Stranded Copper Conductor



Code No.	Cable Size (mm ²)	Number and Diameter of Wire (no./mm.)	Approx.Weight per Mtr (kg)
COSC 010	10	7/1.35	0.09
COSC 016	16	7/1.70	0.14
COSC 025	25	7/2.14	0.23
COSC 035	35	7/2.52	0.32
COSC 050	50	19/1.78	0.43
COSC 070	70	19/2.14	0.62
COSC 095	95	19/2.52	0.86
COSC 120	120	19/2.85	1.10
COSC 150	150	37/2.52	1.33
COSC 185	185	37/2.52	1.68
COSC 210150	240	61/2.25	2.20
COSCS 070	70	7/3.55	0.64



Test Certificate
IEC 6256 Part 2 (For cable size \geq 50 sq.mm only)



Material
Copper