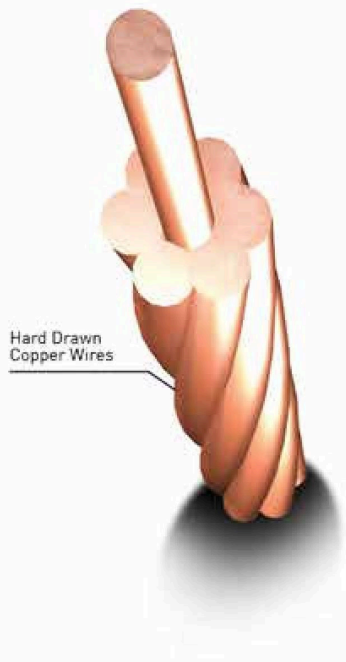


PHELPS DODGE CABLE TYPE CSC

BARE HARD DRAWN COPPER STRANDED CONDUCTOR



CONDUCTOR Hard drawn copper wire, concentric stranded conductor sizes 10 mm² to 500 mm²

APPLICATION : Aerial power transmission and distribution line.

REFERENCE STANDARD : IIS 64-2517

Nominal Sectional Area mm ²	Number and Diameter Of Wire No. / mm.	Overall Diameter mm	Maximum Conductor Resistance at 20°C Ω / km	Breaking Strength kgf	Allowable Ampacities In Free Air A	Cable Weight (approx) kg / km	Standard Packing** m
10	7/1.35	4.05	1.80548	438	90	90	1,000/R
16	7/1.70	5.10	1.13857	694	125	143	1,000/R
25	7/2.14	6.42	0.71851	1,076	160	227	1,000/R
35	7/2.52	7.56	0.51815	1,459	200	314	1,000/R
50	7/3.02	9.06	0.35896	2,095	250	452	1,000/R
50	19/1.78	8.90	0.38252	2,021	250	428	1,000/R
70	19/2.14	10.70	0.26466	2,921	310	618	1,000/R
95	19/2.52	12.60	0.19183	3,961	380	858	1,000/R
120	19/2.85	14.25	0.14922	5,067	440	1,097	1,000/R
150	37/2.25	15.75	0.12384	6,289	510	1,334	1,000/R
185	37/2.52	17.64	0.09813	7,713	585	1,673	1,000/R
240	61/2.25	20.25	0.07528	10,369	700	2,200	1,000/R
300	61/2.52	22.68	0.06002	12,717	800	2,760	1,000/R
400	61/2.85	25.65	0.04692	16,266	900	3,350	1,000/R
500	61/3.20	28.80	0.03703	20,506	1,110	4,451	1,000/R

****Standard Packing**

C = Packing in coil
R = Packing in reel

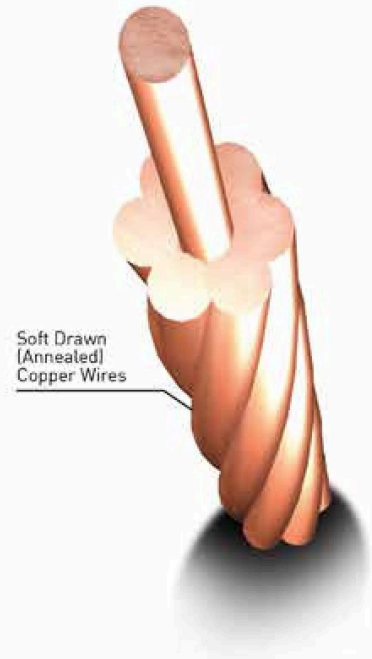
PHELPS DODGE CABLE TYPE CSC

BARE ANNEALED COPPER STRANDED CONDUCTOR

CONDUCTOR : Soft drawn copper wire, concentric stranded conductor sizes 10 mm² to 500 mm².

APPLICATION : Used as neutrals, in circuit ground connections as well as machinery and equipment grounding systems.

REFERENCE STANDARD : IIS 2427-2552



Nominal Sectional Area mm ²	Number of Wire No.	Overall Diameter mm	Maximum Conductor Resistance at 20°C Ω / km	Allowable Ampacities in Free Air A	Cable Weight (approx) kg / km	Standard Packing** m
10	7	4.0	1.83	90	85	1,000/R
16	7	5.0	1.15	125	135	1,000/R
25	7	6.3	0.727	160	214	1,000/R
35	19	7.4	0.524	200	297	1,000/R
50	19	8.7	0.387	250	403	1,000/R
70	19	10.5	0.268	310	581	1,000/R
95	19	12.3	0.193	380	807	1,000/R
120	37	13.9	0.153	440	1,019	1,000/R
150	37	15.4	0.124	510	1,258	1,000/R
185	37	17.2	0.0991	585	1,574	1,000/R
240	61	19.7	0.0754	700	2,079	1,000/R
300	61	22.0	0.0601	800	2,609	1,000/R
400	61	25.0	0.0470	900	3,336	1,000/R
500	61	28.3	0.0366	1,110	4,284	1,000/R

****Standard Packing**
C = Packing in coil
R = Packing in reel