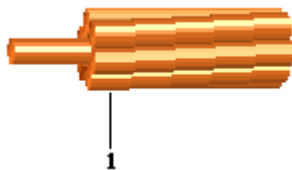


FHC

TIS 64-2517



Construction :

1. Conductor : Stranded hard-drawn copper wires

Application :

Aerial power transmission and distribution line.

Nominal cross-sectional area sq.mm.	Actual cross-sectional area sq.mm.	No. & dia. of wires No./mm	Overall diameter mm	Conductor resistance (at 20°C) max. ohm-km	Breaking strength kgf	Current rating in air A	Cable weight (Approx.) kg/km	Standard Length m
10	10.02	7/1.35	4.05	1.80548	438	90	90	1000/D
16	15.89	7/1.70	5.10	1.13857	694	125	143	1000/D
25	25.18	7/2.14	6.42	0.71851	1076	160	227	1000/D
35	34.91	7/2.52	7.56	0.51815	1459	200	314	1000/D
50	50.14	7/3.02	9.06	0.35896	2095	250	452	1000/D
50	47.28	19/1.78	8.90	0.38252	2021	250	428	1000/D
70	68.34	19/2.14	10.80	0.26466	2921	310	618	1000/D
95	94.77	19/2.52	12.60	0.19183	3961	380	858	1000/D
120	121.21	19/2.85	14.20	0.14922	5067	440	1097	1000/D
150	147.12	37/2.25	15.75	0.12384	6289	510	1334	1000/D
185	184.54	37/2.52	17.64	0.09873	7713	585	1673	500/D
240	242.54	61/2.25	20.25	0.07528	10369	700	2200	500/D
300	304.24	61/2.52	22.68	0.06002	12717	800	2760	500/D
400	389.14	61/2.85	25.65	0.04692	16266	900	3530	300/D
500	490.59	61/3.20	28.80	0.03703	20506	1110	4451	300/D