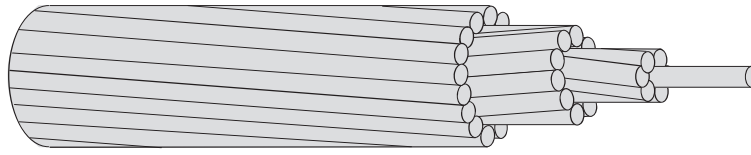


## ALL ALUMINIUM STRANDED CONDUCTOR



## CABLE STRUCTURE

**Conductor** : Hard drawn copper wires, concentric stranded conductor  
Size 16 mm<sup>2</sup> up to 1,000 mm<sup>2</sup>

## TECHNICAL DATA

**Reference standard** : TIS 85-2548

## APPLICATION

For overhead transmission and distribution line

Nominal cross sectional area (mm <sup>2</sup> )	Number and diameter of wires (No./mm)	Conductor diameter approx. (mm)	Conductor resistance at 20°C maximum (Ω/km)	Breaking strength (kgf)	Continuous current rating in free air at 40°C maximum (A)	Cable weight approx. (kg/km)	Standard Length (m)
16	7/1.70	5.10	1.802	290	110	44	3000/D
25	7/2.14	6.42	1.138	440	145	70	3000/D
35	7/2.52	7.56	0.820	585	180	95	3000/D
50	7/3.02	9.06	0.571	805	225	140	2500/D
50	19/1.83	9.15	0.5758	890	225	140	2500/D
70	19/2.15	10.75	0.4171	1,205	270	190	2500/D
95	19/2.52	12.60	0.3036	1,585	340	260	2500/D
120	19/2.85	14.25	0.2374	1,980	390	330	2000/D
150	37/2.25	15.75	0.1960	2,570	455	400	2000/D
185	37/2.52	17.64	0.1563	3,085	550	500	2000/D
240	61/2.25	20.25	0.1192	4,015	625	650	1500/D
300	91/2.52	22.68	0.0950	4,820	710	850	1500/D
400	61/2.85	25.65	0.0743	6,025	855	1100	1000/D
500	61/3.25	29.25	0.0571	7,695	990	1400	1000/D
625	91/2.96	32.6	0.0463	9,694	1140	1700	500/D
800	91/3.35	36.85	0.0361	12,055	1340	2200	500/D
1000	91/3.74	41.14	0.0290	14,845	1540	2800	500/D

D : Packing in Drum

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