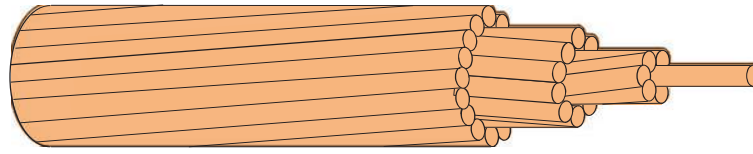


ANNEALED COPPER STRANDED CONDUCTOR

IEC 60228



CABLE STRUCTURE

Conductor : Annealed copper wires, concentric stranded conductor
 Size 1 mm² up to 1000 mm²
 Stranding direction the outermost layer S

TECHNICAL DATA

Reference standard : IEC 60228 (Same as TIS 2427-2552)

APPLICATION

Conductor for insulated cables and wires, grounded electrical system.

Nominal cross sectional area	Number and diameter of wires	Conductor diameter approx.	Conductor resistance at 20°C maximum	Cable weight approx.	Standard Length
(mm ²)	(No./mm)	(mm)	(Ω/km)	(kg/km)	(m)
1	7/0.43	1.29	18.1	9	2000/D
1.5	7/0.53	1.59	12.1	14	2000/D
2.5	7/0.67	2.01	7.41	22	2000/D
4	7/0.85	2.55	4.61	36	2000/D
6	7/1.04	3.12	3.08	55	2000/D
10	7/1.33	4.05	1.83	90	2000/D
16	7/1.70	5.10	1.15	140	2000/D
25	7/2.14	6.42	0.727	230	2000/D
35	19/1.53	7.65	0.524	320	2000/D
50	19/1.75	8.90	0.387	430	2000/D
70	19/2.14	10.70	0.268	600	2000/D
95	19/2.52	12.60	0.193	850	2000/D
120	37/2.03	14.21	0.153	1100	1000/D
150	37/2.25	15.75	0.124	1300	1000/D
185	37/2.52	17.64	0.0991	1700	1000/D
240	61/2.25	20.25	0.0754	2200	500/D
300	61/2.52	22.68	0.0601	2800	500/D
400	61/2.85	25.65	0.0470	3500	500/D
500	61/3.20	28.80	0.0366	4500	500/D
630	127/2.52	32.76	0.0283	6000	500/D
800	127/2.85	37.05	0.0221	7500	500/D
1000	127/3.20	41.6	0.0176	9500	300/D

D : Packing in drum

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