UNITED
สายไฟ ยูไนเต็ด

AAC

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ALL ALUMINUM STRANDED CONDUCTOR



Construction

1.Conductor : Concentric stranded hard drawn aluminium wires sizes 16 mm² up to 1,000 mm²

2.Standing Direction : The outermost layer Z

Reference Standard

TIS 85-2548

Application

* For overhead transmission and distribution line

Nominal cross sectional area (mm²)	Number and approx diameter of wire (mm²)	Overall diameter diameter approx. (mm)	Conductor resistance at 20°C maximum (Ω/km)	Breaking strength (kgf)	Continuous current rating in free air 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	0.5757	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	1,100	1000/D
500	61/3.25	29.25	0.0571	7,695	990	1,400	1000/D
625	91/2.96	32.56	0.0463	9,694	1,140	1,700	500/D
800	91/3.35	36.85	0.0361	12,055	1,340	2,200	500/D
1000	91/3.74	41.14	0.0290	14,845	1,540	2,800	500/D

D = Packing in drum

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Product	Core	Size	Baht / Meter
AAC		16	8.50
		25	10.00
		35	16.00
		50	23.00
		70	34.00
		95	42.50
		120	52.20
		150	70.00
		185	85.50
		240	110.00
		300	141.00
		400	178.00
		500	235.00
		625	
		800	
		1000	