UNITED
สายไฟ ยูไนเต็ด

ACSR

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ALUMINIUM CONDUCTOR, STEEL-REINFORCED



Construction

1. Conductor : Hard drawn aluminium wire
   Sizes 16 mm^2 up to 680 mm^2
2. Steel Core : Galvanized steel (Zinc coated),solid and
   concentric stranded, sizes 2.5 mm^2 up to 85 mm^2
3. Stranding Direction : The outermost layer Z

Reference Standard

TIS 85-2548

Application

* For overhead transmission and distribution line

Nominal cross sectional area (mm^2)	ALUMINIUM Number and approx. diameter of wire (No./mm)	ALUMINIUM Cross sectional area (mm^2)	STEEL WIRE Number and approx. diameter of wire (No./mm)	STEEL WIRE Cross sectional area (mm^2)	Overall conductor diameter approx. (mm)	Conductor resistance at 20°C maximum (Ω/km)	Breaking strength (kgf)	Continuous current rating free air maximum (A)	Cable weight approx. (kg/km)	Standard length (m)
16/2.5	6/1.80	15.3	1/1.80	2.54	5.40	1.880	592	90	60	4,000/D
25/4	6/2.25	23.9	1/2.25	3.98	6.75	1.203	916	125	95	4,000/D
35/6	6/2.70	34.4	1/2.70	5.73	8.10	0.8353	1,265	145	140	3,000/D
50/8	6/3.20	48.3	1/3.20	8.04	9.60	0.5947	1,716	170	200	3,000/D
50/30	12/2.33	51.2	7/2.33	29.85	11.50	0.5644	4,380	170	380	3,000/D
70/12	26/1.85	69.9	7/1.44	11.40	11.50	0.4131	2,676	290	280	3,000/D
95/15	26/2.15	94.4	7/1.67	15.33	13.50	0.3058	3,565	350	380	3,000/D
95/55	12/3.20	96.5	7/3.20	56.30	16.00	0.2993	7,965	350	700	3,000/D
120/20	26/2.44	121.6	7/1.90	19.85	15.50	0.2375	4,555	410	490	2,000/D
120/70	12/3.60	122.1	7/3.60	71.25	18.00	0.2365	10,034	410	900	2,000/D
125/30	30/2.33	127.9	7/2.33	29.85	16.00	0.2259	5,759	425	600	2,000/D
150/25	26/2.70	148.9	7/2.10	24.25	17.00	0.1939	5,513	470	600	2,000/D

D = Packing in drum

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Product	Core	Size	Baht / Meter
ACSR		16/2.5	
		25/4	16.20
		35/6	22.60
		50/8	31.50
		50/30	
		70/12	45.00
		95/15	62.40
		95/55	45.00
		120/20	81.20
		120/70	
		125/30	
		150/25	141.00

***ราคาอาจมีการเปลี่ยนแปลง โดยไม่ต้องแจ้งให้ทราบล่วงหน้า**