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戰車牌

PVC Flexible Cable (105°C)

Nominal sectional area (mm ²)	Conductor		Thickness of insulation (mm)	Overall Diameter (mm)	Max. conductor resistance (Ω/KM)	Dielectric Strength (KV/minute) AC	Approx. Weight (kg/km)	Ampacity (A) 40°C
	Construction	Outer Diameter (mm)						
14	7/64/0.2	5.3	1.70	8.7	1.376	2.0/1	180	90
22	7/100/0.2	6.4	1.90	10.2	0.880	2.0/1	260	120
30	12/79/0.2	7.5	2.05	11.6	0.650	2.0/1	350	150
38	14/87/0.2	8.5	2.20	12.9	0.506	2.5/1	440	170
50	19/83/0.2	9.8	2.35	14.5	0.391	2.5/1	560	200
60	19/100/0.2	10.6	2.45	15.5	0.324	2.5/1	660	230
80	27/95/0.2	12.4	2.55	17.3	0.240	2.5/1	860	290
100	30/107/0.2	13.7	2.65	19.0	0.192	2.5/1	1070	340
125	37/108/0.2	15.5	2.75	21.0	0.154	3.0/1	1330	390
150	37/129/0.2	17.2	2.90	23.0	0.129	3.0/1	1600	420
200	37/102/0.26	20.0	3.10	26.2	0.0963	3.0/1	2130	520
250	37/127/0.26	22.2	3.40	29.0	0.0774	3.0/1	2600	600
325	37/165/0.26	25.0	3.75	32.5	0.0596	3.0/1	3460	650

- ❖ Conductor: Stranded soft copper conductor, maximum accepted temperature is 90 °C
- ❖ Insulation: 105 °C PVC according to UL-62 and RoHS
- ❖ Regulation: CNS-679 and UL-62 for reference
- ❖ Voltage: 600V
- ❖ Ambient temperature: 40 °C
- ❖ Printing: RoHS 105°C PVC 600V VCT (or KIV) XX MM² FSC
- ❖ Characteristic: Oil/water/acid/chemical/heat/fire resistant, and flexible
- ❖ Application: for generator, movable machine, switchboard, and main wire indoor/outdoor
- ❖ Ampacity above is counted with three wires in the air.

Ambient temperature (°C)	30	40	50	60	70	80	90	100
Coefficient of ampacity	1.07	1.00	0.92	0.83	0.73	0.62	0.48	0.28