

FLEXIBLE TYPE UL10070

Insulated Extra Flexible Round Grounding/Power Cables

Flexible Type UL10070 is a 1000Volt version of the popular Power cable. Jacket material is PVC and rated 105°C. Flexible Type UL10070 is recognized by UL .

Unlike standard cable, Flexible Type UL10070 is comprised of high strand-count tinned copper wires. This high strand-count construction gives Flexible Type UL10070 its remarkable flexibility. This construction also significantly increases cable life and allows Flexible Type UL10070 to carry more current than same gauge conventional cable.

The exceptional flexibility of Flexible Type UL10070 can significantly help a power connector “float” in rack mount applications where standard, more rigid hook-up wire limits connector movement.

Flexible Type UL10070 can be easily terminated with Cableco’s high quality, low voltage-drop FusionLug. The FusionLug is fabricated from the strands of the wire itself. Our unique process “fuses” wire strands with copper, creating a high quality, low voltage-drop termination. It can be cut, bent, drilled or chamfered to meet specific application requirements.

UL10070 柔软型电线

UL10070 柔软型电线是一种额定电压为 1000V 流行的电源线，符合 UL758&UL1581 标准要求。

UL10070 柔软型电线的护套采用 105°C PVC 材质，导体是由多股细小单支的镀锡铜线绞合而成的，这样就使其导体具有更好的柔软性，也即具有卓越的灵活性，这种结构也显著提高了电缆的使用寿命，同时使得 UL10070 柔软型电线比相同规格的常规电缆承载更多的电流。UL10070 柔软型电线非凡的灵活性，可以作为移动机械的电源连接线。

柔软型 UL10070 加工起来很方便，我们独特的导体加工工艺，创造了一个更高品质的电线产品，它可以被任意的切割、弯曲、钻孔、倒角，以满足客户要求。

Appliances with internal , No more than 105 °C temperature of conductor occasion

Rated temperature: 105°C Rated voltage:600V

电器内部用线，导体温度不超过 105°C场合

额定温度：105°C 额定电压：600V

型号	规格 AW G	导体结构 (No./ mm) ±0.005	20°C导体电 阻 (Ω/Km)	导体直径 (mm)	绝缘厚度 (mm)		完成外径 (mm)	
					平均	最小	平均	公差
UL10070	4/0	19/7/64/0.127	0.172	17.60	2.00	1.80	21.60	±0.20
	3/0	7/7/137/0.127	0.219	15.45	2.00	1.80	19.45	±0.20
	2/0	7/7/108/0.127	0.277	13.72	2.00	1.80	17.72	±0.20
	1/0	7/7/86/0.127	0.349	12.24	1.80	1.62	15.84	±0.20
	2	7/7/54/0.127	0.555	9.70	1.50	1.35	12.70	±0.20
	4	7/7/34/0.127	0.882	7.70	1.50	1.35	10.70	±0.20
	6	7/150/0.127	1.403	5.39	1.50	1.35	8.39	±0.15
	8	7/95/0.127	2.230	4.29	1.10	0.99	6.49	±0.15
	10	7/59/0.127	2.813	3.38	0.76	0.68	4.90	±0.15
	12	7/37/0.127	5.640	2.68	0.76	0.68	4.20	±0.10
	14	7/24/0.127	8.960	2.16	0.76	0.68	3.68	±0.10
	16	7/15/0.127	14.60	1.70	0.76	0.68	3.22	±0.10
	18	7/9/0.127	23.20	1.32	0.76	0.68	2.84	±0.10

Stranded conductor single diameter tolerances ±0.005mm;

Solid conductor diameter tolerances ±0.01mm.

绞合导体单支直径公差 ±0.005mm;实心导体直径公差 ±0.01mm.