

ANYCERT- UL83-Nylon Cable

THHN, THHW, THW, THWN, THWN-2, TW



应用

● Installed in the pipeline, it can also be installed with machine tool equipment, household appliances and various control systems for any 600V voltage and direct burial of no more than 600V circuits. The working temperature in a humid environment is 75 ° C, in a dry environment 90°C, the emergency overload temperature is 130°C, and the short-circuit temperature is 250°C. It is not recommended to connect this type of product to the DC circuit in a humid environment. This product complies with UL (MTW) certification. Its MTW (machine tool wire) certification makes it fully applicable to the machine tool industry (not just equipment). At the same time comply with UL83, UL1581 standards.

- Nylon cable has excellent safety performance such as anti-termite, anti-rat bite, good heat resistance (heat resistance up to 200 degrees Celsius)
- Nylon cable has high mechanical strength and excellent wear resistance, cold resistance, surface hardness, bending strength, strong impact, chemical resistance, oil resistance. According to the use experience in the United States and domestic tests, the service life of nylon wire can reach more than 40 years

结构

- Single or multiple stranded of 14-2 / OAWG bare copper wire in accordance with ASTM-B3 / B8
- High dielectric strength flame retardant PVC core wire
- insulation in accordance with UL1581
- (The color can be customized according to customer requirements)
- Nylon (THHN / THWN) covered with UL1581 insulated outer layer
- Sun protection in accordance with UL1277, air-proof PVC core wire sheath
- (The color can be customized according to customer requirements)

- Rated voltage: 600V
- Rated temperature: 90 ° C

Item	core	wires	Insulation		Cable O.D.	Weight KG/KM	Resistant	
			PVC	NYLON			75°CTHWN	90°CTHNN
1001THHN/THWN014	14	1/1.628	0.38	0.1	2.57	22	15	15
1001THHN/THWN012	12	1/2.054	0.38	0.1	3.05	34	20	20
1001THHN/THWN010	10	1/2.59	0.51	0.1	3.78	55	30	30
1001THHN/THWN014S	14	19/0.36	0.38	0.1	2.77	25	15	15
1001THHN/THWN012S	12	19/0.46	0.38	0.1	3.23	36	20	20
1001THHN/THWN010S	10	19/0.58	0.51	0.1	4.07	57	30	30
1001THHN/THWN08S	8	19/0.73	0.76	0.13	5.39	94	50	55
1001THHN/THWN06	6	19/0.92	0.76	0.13	6.3	141	65	75
1001THHN/THWN04	4	19/1.16	1.02	0.15	8.06	228	85	95
1001THHN/THWN03	3	19/1.3	1.02	0.15	8.74	281	100	110
1001THHN/THWN02	2	19/1.46	1.02	0.15	9.53	348	115	130