

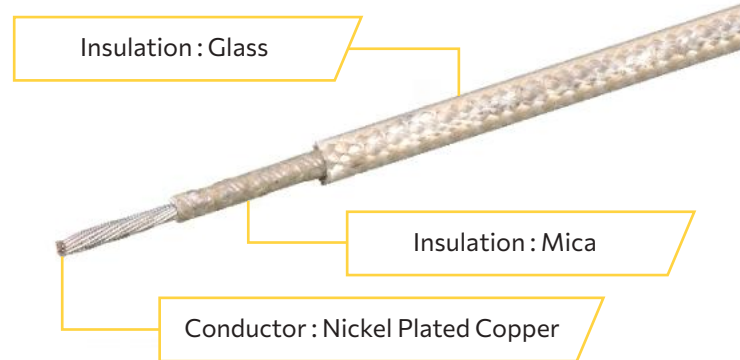
Specifications

Glass-insulated nickel-plated copper conductor heat resistance wire (UT450) is made of nickel-plated copper wires which are highly resistant to heat and corrosion, mica insulation and covered with glass fiber.

Maximum operating temperature of this series is 450°C.

Color: Brown

Rated Voltage : 600V
Rated Temperature : 450°C
Standard : UL 758



Applications

Widely used in home appliance, new energy cars, lightings, heaters, metros, UAV, robots and industrial etc.

Marking: 10AWG 450°C 600V

Conductor				Insulation			Unit Length (M)/(FT)	Current Ampere Data	
mm ²	Size (AWG)	Construction (No./mm)	Diameter (mm)	Mica Thickness (mm)	Glass Thickness (mm)	Finished OD (mm)		150°C	400°C
0.75	18	16/0.254	1.19	≥0.635	0.178	≥2.85	100/328	9.5	1.6
1.5	16	30/0.254	1.49	≥0.635	0.178	≥3.9	100/328	16	3.1
2.5	14	41/0.254	1.87	≥0.635	0.178	≥4.3	100/328	22	5.2
4.0	12	65/0.254	2.36	≥0.635	0.178	≥4.65	100/328	28	7.4
6.0	10	35/0.45	3.06	≥0.762	0.381	≥5.35	100/328	37	9.8
10.0	8	84/0.40	4.30	≥1.0	0.381	≥6.9	100/328	56	14
16.0	6	128/0.40	5.30	≥1.0	0.381	≥7.9	100/328	80	18.6
25.0	4	200/0.40	6.60	≥1.0	0.381	≥9.2	100/328	106	23
50.0	1	703/0.30	10.50	≥1.0	0.381	≥13.2	100/328	159	38

Standard Colours: Natural Color. (Other colours on request).