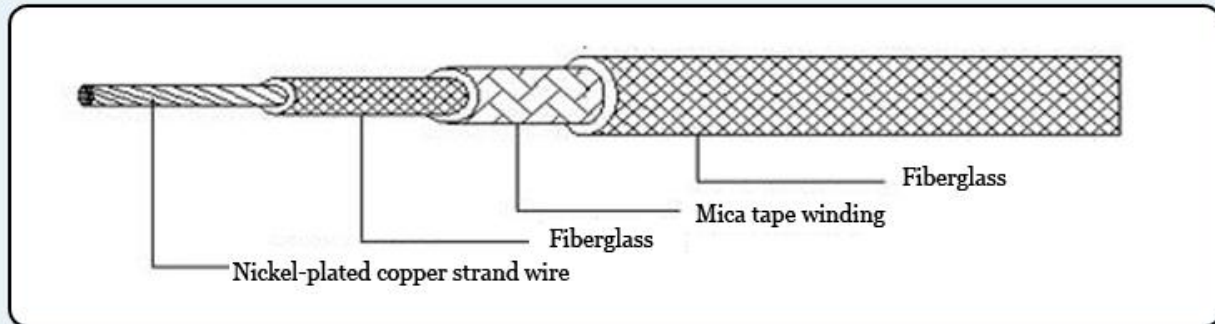


nickel plated copper cable|nickel plated copper wire heat resistance cable GN-500 is suitable for use in high temperature environments, and the high temperature wire braided solely by copper wire glass cannot withstand specific high temperatures. At the same time, the nickel-plated wire used in corrosive media has good corrosion resistance. The nickel-plated wire used in precision instruments has long-term stability and sensitivity, low temperature coefficient and high quality. Scope of application: GN-500 series [high temperature cables](#) are wires and cables used in various electrical installations that require fire resistance in special environments such as metallurgy, petroleum, chemical, oil refining, and natural gas.

Detail Show



According to the type of conductor

GN-500-01---[Nickel wire fire-resistant wire and cable](#), the highest resistance is 1000 degrees.

GN-500-02---Nickel-plated copper wire fire-resistant wire and cable, with a maximum resistance of 600°c.

GN-500-03---Bare copper wire fire-resistant wire and cable, with a maximum resistance of 500 degrees.

nickel plated copper cable|nickel plated copper wire heat resistance cable GN-500 parameters

Nominal Section mm ²	Conductor Structure No./mm	Insulation Thickness mm	O.D Control mm	Max conductor resistance 20°CΩ/km
0.5	7/0.30	0.5	2.3±0.3	40.8
0.75	11/0.30	0.5	2.5±0.3	24.3
1.0	14/0.30	0.5	2.6±0.3	20.0
1.5	21/0.30	0.5	2.9±0.3	12.6
2.0	28/0.30	0.6	3.3±0.5	9.84
2.5	35/0.30	0.6	3.6±0.5	7.37
4.0	56/0.30	0.8	4.7±0.5	4.83
6.0	84/0.30	0.8	5.5±0.5	3.26
10.0	84/0.40	0.8	6.6±0.5	1.8
16.0	228/0.30	0.8	7.8±0.5	1.31
	126/0.40	0.8	7.8±0.5	1.31
25.0	361/0.30	0.8	9.5±0.5	0.758
	196/0.40	0.8	9.5±0.5	0.758