

R Glas pure nickel stranded wire Mica tape 750°C 600V

Construction and technical Data:

- Conductor material: nickel
- Conductor class: Class 5 = fine-stranded
- Core insulation: Glass silk covering + glass silk braid, silicone-impregnated
- Permissible external cable temperature for permanent installation: -60°C to +750°C
- Bending radius for permanent installation: 18 x diameter
- Nominal voltage U: 600 V
- Test voltage: 2 kV
- Wire identification: natural color

Application:

Due to its extremely wide operating temperature range, this cable is particularly suitable for use in aerospace, power plants, and chemical and metallurgical plants. Conductor resistances differ from those of copper conductors. Sustained exposure to temperatures above 300°C may cause the silicone impregnation to evaporate.

Designation	conductor resistance Ohm/km	Current carrying capacity in air (30°C)	ca. outside Ø	weight kg/km	Articlenumber
1x1,5 marking thread black	60	15,8 A	3,2 mm	24	810220015
1x2,5 marking thread red	36	22,1 A	3,6 mm	36	810220025
1x4 marking thread orange	22,5	30 A	4,3 mm	53	810220040
1x6 marking thread brown	15	39,1 A	5,4 mm	80	810220060
1x10 marking thread blue	9	50 A	6,4 mm	123	810220100
1x16 marking thread red and yellow	5,6	75 A	8,2 mm	210	810220160

Designation	conductor resistance Ohm/km	Current carrying capacity in air (30°C)	ca. outside Ø	weight kg/km	Articlenumber
1x25 marking thread blackand green	3,6	99 A	9,8 mm	280	810220250

- Further formats available on request
- All data and products subject to change