

DESCAFLEX Ni-350

0,75 mm² - 16,00 mm²

Stranded wires in pure Nickel fiberglass insulated 350°C

Application

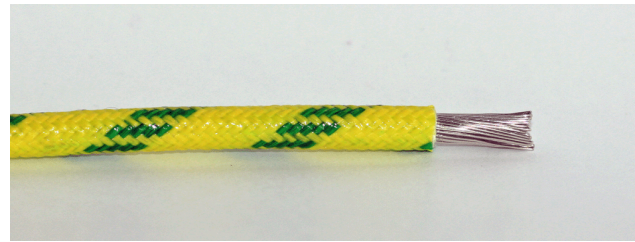
Special stranded wires for use in high-temperature applications in dry or humid environment such as connecting wires for heating resistors, etc..

Construction

Flexible pure Nickel conductors
Insulation Silicon impregnated coated fiberglass wrapping
and Silicon impregnated coated fiberglass braid

Special Characteristics

Pure nickel conductors consisting of 0.30 mm wires. Insulation with several layers, which are protected by a treated fiberglass complex. The insulation is fully impregnated with silicone rubber, so the wires are well protected against moisture.



Technical Properties

Rated voltage U ₀ /U	300 / 500 V
Test voltage	3000 V
Breakdown voltage	> 4000 V
Temperature range	- 50°C ... + 350°C
Minimum bending radius	6 x outer diameter

Cross section mm ²	Overall-Ø ca. mm	Metal kg/km	Weight kg/km
0,75	2.70	7.20	13.00
1,00	3.00	9.60	18.00
1,50	3.20	14.40	23.00
2,50	3.70	24.00	34.00
4,00	4.20	38.40	50.00
6,00	4.90	57.60	86.00
10,00	7.60	96.00	129.00
16,00	9.20	153.60	193.00

Packaging
Coil 100 m
Coil 100 m
Coil 100 m
Coil 100 m
Coil 100 m
Coil 100 m
Coil 100 m
Coil 100 m

Colour code see next page

on request

other cross sections

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Colour code								
0,50 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120390	120392	120394	120396	120398	120400	120402	120404
0,75 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120410	120412	120414	120416	120418	120420	120422	120424
1,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120430	120440	120434	120436	120438	120432	120442	120444
1,50 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120450	120452	120454	120456	120458	120460	120462	120464
2,50 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120470	120472	120474	120476	120478	120480	120482	120484
4,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120490	120492	120494	120496	120498	120500	120502	120504
6,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120510	120514	120512	120516	120518	120520	120522	120524
10,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120530	120532	120534	120536	120538	120540	120542	120544
16,00 mm²	black	blue	green-yellow	brown	grey	red	white	green
Coil 100 m	120550	120552	120554	120556	120558	120560	120562	120564

on request

other cross sections