



DESCAFLEX Ni-350

Stranded wires in pure Nickel fiberglass insulated 350°C

0,75 mm² - 16,00 mm²

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

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 Information

Cross section mm ²	Outer-Ø ca. mm	Copper 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

0,50 mm ²	black	blue	green-yellow	brown	grey	red	white	green
PU								
Coil 100 m	120390	120392	120394	120396	120398	120400	120402	120404

0,75 mm ²	black	blue	green-yellow	brown	grey	red	white	green
PU								
Coil 100 m	120410	120412	120414	120416	120418	120420	120422	120424

1,00 mm ²	black	blue	green-yellow	brown	grey	red	white	green
PU								
Coil 100 m	120430	120440	120434	120436	120438	120432	120442	120444

1,50 mm ²	black	blue	green-yellow	brown	grey	red	white	green
PU								
Coil 100 m	120450	120452	120454	120456	120458	120460	120462	120464

2,50 mm ²	black	blue	green-yellow	brown	grey	red	white	green
PU								
Coil 100 m	120470	120472	120474	120476	120478	120480	120482	120484

4,00 mm ²	black	blue	green-yellow	brown	grey	red	white	green
PU								
Coil 100 m	120490	120492	120494	120496	120498	120500	120502	120504

6,00 mm ²	black	blue	green-yellow	brown	grey	red	white	green
PU								
Coil 100 m	120510	120514	120512	120516	120518	120520	120522	120524

10,00 mm ²	black	blue	green-yellow	brown	grey	red	white	green
PU								
Coil 100 m	120530	120532	120534	120536	120538	120540	120542	120544

16,00 mm ²	black	blue	green-yellow	brown	grey	red	white	green
PU								
Coil 100 m	120550	120552	120554	120556	120558	120560	120562	120564

On request

Other cross sections

Stock availability

Item numbers marked in **bold** are generally available from stock, subject to prior sale.

Packaging	Length
Coil	100 m