

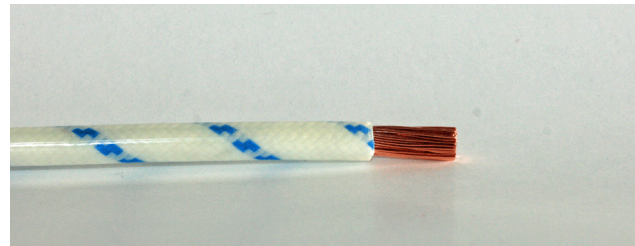
NOMEX 155-U

0,25 mm² - 95,00 mm²

Halogen-free stranded wires 155°C

Application

Connection wires for motors and transformers and other applications of the temperature class F (155°C).



Construction

Flexible tinned copper conductors, acc. to IEC 60228, class 5 up to 2,50 mm² with a first layer of acetate silk
Wrapping with one layer polyester and one layer NOMEX® paper, laid up in opposite directions
Braid of polyester yarn
Polyurethane varnished

Special Characteristics

Resistant to conventional oils and impregnating resins, halogen-free and silicone-free.

Technical Properties

Rated voltage U₀/U 450 / 750 V
Test voltage 4000 V
Temperature range - 40°C ... + 155°C
Minimum bending radius 6 x outer diameter

Part Number	Cross section mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
152270	0,25	1.70	2.50	3.00
152272	0,37	1.80	3.70	4.00
152274	0,50	1.90	5.00	5.50
152276	0,75	2.20	7.50	8.00
152278	1,00	2.35	10.00	11.00
152280	1,50	2.60	15.00	16.50
152282	2,50	3.00	25.00	27.50
152284	4,00	4.00	40.00	44.00

Part Number	Cross section mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
152286	6,00	4.90	60.00	66.00
152288	10,00	5.80	100.00	110.00
152290	16,00	7.00	160.00	176.00
152292	25,00	8.50	250.00	275.00
152294	35,00	10.20	350.00	380.00
152296	50,00	11.70	500.00	550.00
152298	70,00	14.00	700.00	770.00
152300	95,00	16.00	950.00	1050.00

Colours: 0,25mm² - 6,00 mm² white
 or white with tracers red, black, blue,
 yellow, green, brown, violet
 up to 10,00 mm² white (Tracers on request)

Packaging: 0,25 mm² - 1,00 mm² Coils of 200 m
 1,50 mm² - 4,00 mm² Coils of 100
 6,00 mm² - 35,00 mm² Coils of 50 m
 50,00 mm² - 95,00 mm² Coils of 25 m

on request

other colours, version with a tinned copper braid