

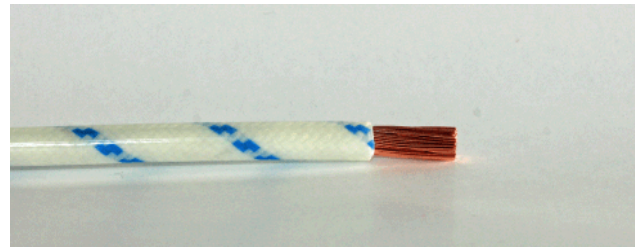
# NOMEX 155-U

0,25 mm<sup>2</sup> - 95,00 mm<sup>2</sup>

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 mm<sup>2</sup> 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 U<sub>o</sub>/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 <sup>2</sup>	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 <sup>2</sup>	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: 0,25mm<sup>2</sup> - 6,00 mm<sup>2</sup> white  
or white with tracers red, black, blue,  
yellow, green, brown, violet  
up to 10,00 mm<sup>2</sup> white (Tracers on request)

Packaging: 0,25 mm<sup>2</sup> - 1,00 mm<sup>2</sup> Coils of 200 m  
1,50 mm<sup>2</sup> - 4,00 mm<sup>2</sup> Coils of 100  
6,00 mm<sup>2</sup> - 35,00 mm<sup>2</sup> Coils of 50 m  
50,00 mm<sup>2</sup> - 95,00 mm<sup>2</sup> Coils of 25 m

on request

other colours, version with a tinned copper braid