

- **Double-coated enamelled copper coil wires DN2E** in 200 C class. This product is produced in twenty, the most popular cross-sections, in the range from \varnothing 0,15mm/SWG 38 till \varnothing 2,00mm/SWG14.
- **The wires** are winded evenly and compactly, on **250g** reels, and foiled additionally with shrink-wrapped cover, ensuring perfect visual effect, protecting against getting dirty during their storage and preventing oxidation of outer insulated coat.
- **The wires**, used by us, are of German manufacture, being the top quality and classified as **EI/AIW - Class Grade 2**. They are produced according to **IEC 60317-13 norm** in **RoHS standard**.
- **The wires** of this category can be used both to making professional winding, being exposed to very high overload and work in exceptionally hard conditions and to simple hobbyist works.
- **The usage of doubled insulated coat**, consisting of polyesterimid and polyamidimid ensures the exceptional softness, overload resistance, thermal and mechanical stability and enables the considerable increase of breakdown voltage level **over 5kV**.

The diameter of the vein	Product Name	Maximum temperature in °C	Wire Size in SWG	number on the spool	Weight in Kg single spool	Maximum voltage increment in KV
\varnothing 0,15 mm	Coil Wires HQ/CU	200°C	SWG 38	1600 mb	0,25 kg	5 KV
\varnothing 0,20 mm	Coil Wires HQ/CU	200°C	SWG 36	854 mb	0,25 kg	5 KV
\varnothing 0,30 mm	Coil Wires HQ/CU	200°C	SWG 31	403 mb	0,25 kg	5 KV
\varnothing 0,40 mm	Coil Wires HQ/CU	200°C	SWG 27	220 mb	0,25 kg	5 KV
\varnothing 0,50 mm	Coil Wires HQ/CU	200°C	SWG 25	140 mb	0,25 kg	5 KV
\varnothing 0,60 mm	Coil Wires HQ/CU	200°C	SWG 24	97 mb	0,25 kg	5 KV
\varnothing 0,70 mm	Coil Wires HQ/CU	200°C	SWG 22	71 mb	0,25 kg	5 KV
\varnothing 0,80 mm	Coil Wires HQ/CU	200°C	SWG 21	55 mb	0,25 kg	5 KV
\varnothing 0,90 mm	Coil Wires HQ/CU	200°C	SWG 20	43 mb	0,25 kg	5 KV
\varnothing 1,00 mm	Coil Wires HQ/CU	200°C	SWG 19	35 mb	0,25 kg	5 KV
\varnothing 1,10 mm	Coil Wires HQ/CU	200°C	SWG 19	28 mb	0,25 kg	5 KV
\varnothing 1,20 mm	Coil Wires HQ/CU	200°C	SWG 18	24 mb	0,25 kg	5 KV
\varnothing 1,30 mm	Coil Wires HQ/CU	200°C	SWG 18	20 mb	0,25 kg	5 KV
\varnothing 1,40 mm	Coil Wires HQ/CU	200°C	SWG 17	17 mb	0,25 kg	5 KV
\varnothing 1,50 mm	Coil Wires HQ/CU	200°C	SWG 17	15 mb	0,25 kg	5 KV
\varnothing 1,60 mm	Coil Wires HQ/CU	200°C	SWG 16	13 mb	0,25 kg	5 KV
\varnothing 1,70 mm	Coil Wires HQ/CU	200°C	SWG 16	11 mb	0,25 kg	5 KV
\varnothing 1,80 mm	Coil Wires HQ/CU	200°C	SWG 15	10 mb	0,25 kg	5 KV
\varnothing 1,90 mm	Coil Wires HQ/CU	200°C	SWG 15	9 mb	0,25 kg	5 KV
\varnothing 2,00 mm	Coil Wires HQ/CU	200°C	SWG 14	8 mb	0,25 kg	5 KV

Basic parameters

Parameters of doubled enamelled DNE2E 200 copper wires:

- **Conductor diameter of the vein in mm :**
 - \varnothing 0,15mm; \varnothing 0,20mm; \varnothing 0,30mm;
 - \varnothing 0,40mm; \varnothing 0,50mm; \varnothing 0,60mm;
 - \varnothing 0,70mm; \varnothing 0,80mm; \varnothing 0,90mm;
 - \varnothing 1,00mm; \varnothing 1,10mm; \varnothing 1,20mm;
 - \varnothing 1,30mm; \varnothing 1,40mm; \varnothing 1,50mm;
 - \varnothing 1,60mm; \varnothing 1,70mm; \varnothing 1,80mm;
 - \varnothing 1,90mm; \varnothing 2,00mm
- **Wire dimension in SWG :**
SWG 38/36/31/27/25/24/22/21/20/19/18/17/16/15/14
- **Quantity winded on spool :**
 - For od 0,15mm: 1600 mb
 - For od 0,20mm: 854 mb
 - For od 0,30mm: 403 mb
 - For od 0,40mm: 220mb
 - For od 0,50mm: 140 mb
 - For od 0,60mm: 97 mb
 - For od 0,70mm: 71 mb
 - For od 0,80mm: 55 mb
 - For od 0,90mm: 43 mb
 - For od 1,00mm: 35 mb
 - For od 1,10mm: 28 mb
 - For od 1,20mm: 24 mb
 - For od 1,30mm: 20 mb
 - For od 1,40mm: 17 mb
 - For od 1,50mm: 15 mb
 - For od 1,60mm: 13 mb
 - For od 1,70mm: 11 mb
 - For od 1,80mm: 10 mb
 - For od 1,90mm: 9 mb
 - For od 2,00mm: 8 mb
- **Weight of a single spool:**
 - For a single spool - 0,25kg
- **Max. break voltage 5kV in KV:**
 - For from 0,15mm - 2,00mm - 5KV

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