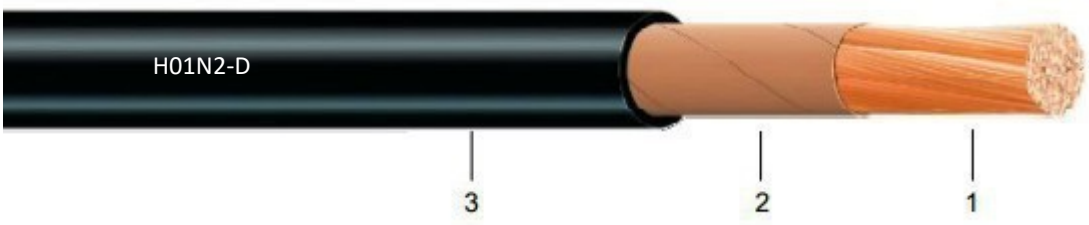
H01N2-D

100 V



Applications

The H01N2-D cable has been specially designed for transmitting high currents between the welding generator and the electrode. The high degree of flexibility makes using the welding tool easier and also keep knots from forming in the cable that could cause the internal conductor to break.
It can also be used in automatic welding machines, transport belt, and production or assembly lines.

Construction

Flexible electrolytic annealled copper conductor, class D according to HD 22.6.

Polyester seperator tape.

Thermosetting rubber sheath, black color, type EM5 according to HD22.

Norminal voltage 100V

Test voltage 1000V

Maximum operating temp. +85°C

Maximum short circuit temp. +250°C

Min. operating temp. (without mechanical shocks) -35°C

Min. installation and use temp. -20°C

Minimum bending radius per D cable diameter (in mm): 6D

Characteristics

1. **Maximum flexibility:** The use of flexible copper (Cl. D) as well as vulcanised rubber sheath gives the cable maximum flexibility which will prevent the conductor from breaking.
2. **Resistance to chemical products:** Vulcanised rubber sheath is the most efective way of protecting against atack of chemical products, like hydrocarbon and mineral oils.
3. **Weather resistance:** The properties of the vulcanised rubber sheath on the H01N2-D cables allows a permanent use outdoors.

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Partnumber	Dimension n x mm²	Diameter ø	Weight kg / km	Maximum current for a 5 minute period. 100%	85%	60%	35%
21010112	1 x 16 mm²	11,0	220	135	145	175	230
21010113	1 x 25 mm²	12,7	310	180	195	230	300
21010114	1 x 35 mm²	14,2	420	225	245	290	375
21010115	1 x 50 mm²	16,5	580	285	305	365	480
21010116	1 x 70 mm²	19,2	799	355	380	460	600
21010117	1 x 95 mm²	21,4	1050	430	470	560	730
21010118	1 x 120 mm²	24,0	1330	500	540	650	850

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