

H01N2-D, H01N2-E 100/100 V

HD 22.6 S2, DIN VDE 0282-6, BS 638, NFC 32-510



CPE insulated welding cables



CONSTRUCTION

Conductor	Bare copper stranded conductors. Paper separator over conductor
Separator	Paper separator over conductor
Insulation	Flame retardant oil resistant thermosetting compound
Colour of insulation	Black
Flame propagation	IEC 60332-1-2:2004, EN 60332-1-2:2004
Test voltage 50Hz	1000V

FEATURES

- Excellent flexibility
- Flame retardant
- Temperature range : -25°C to $+85^{\circ}\text{C}$. For fixed installation lowest temperature is -40°C
- Maximum short-circuit conductor temperature: $+250^{\circ}\text{C}$
- Pulling strength: the maximum static pulling strength may not exceed 15 N/mm^2
- Minimum bending radius: $6 \times D$; D – overall diameter of cable
- UV, sunlight, ozone, oil, resistant
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Nominal cross-sectional area of conductor	Maximum diameter of wires in conductor	Nominal thickness of insulation	Approximate overall diameter	Approximate weight	Maximum Conductor Resistance at 20°C
mm ²	mm	mm	mm	kg/km	Ohm/km
H01N2-D					
10	0,21	2,0	8,0	141	1,91
16	0,21	2,0	8,9	197	1,21
25	0,21	2,0	10,1	281	0,780
35	0,21	2,0	11,4	379	0,554
50	0,21	2,2	13,5	524	0,386
70	0,21	2,4	15,3	735	0,272
95	0,21	2,6	17,5	955	0,206
120	0,51	2,8	19,7	1213	0,161
150	0,51	3,0	21,8	1500	0,129
185	0,51	3,2	24,3	1821	0,106
H01N2-E					
10	0,16	1,2	6,6	115	1,91
16	0,16	1,2	7,7	169	1,21
25	0,16	1,2	8,9	248	0,780
35	0,16	1,2	10,3	340	0,554
50	0,16	1,5	12,3	484	0,386
70	0,16	1,5	14,0	675	0,272
95	0,16	1,8	16,6	901	0,206
120	0,21	1,8	18,1	1129	0,161
150	0,21	1,8	20,0	1389	0,129
185	0,21	1,8	21,3	1668	0,106

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