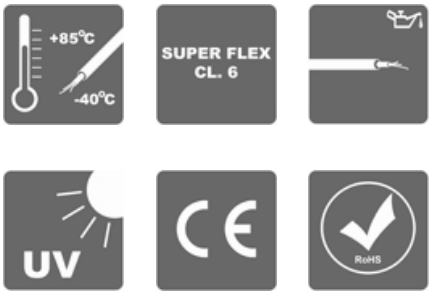
H01N2-D, H01N2-E 100/100 V

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 : –25ºC to +85ºC. For fixed installation lowest temperature is -40ºC
- Maximum short-circuit conductor temperature: +250°C
- Pulling strength: the maximum static pulling strength may not exceed 15 N/mm^2
- Minimum bending radius: 6 x D; D – overall diameter of cable
- UV, sunlight, ozone, oil, resistant
- Ink jet printed for easy identification

APPLICATIONS

- Designed for welding equipment and accessories
- Suitable for use in dry and damp conditions, outdoors and indoors
- Retain their high flexibility even under influence of ozone, light, oxygen, protective gases, oil and petrol; resistant to flame propagation
- Other industrial applications

APPROVALS

BBJ HAR

Standard length cable packing	1000m on drums. Other forms of packing and delivery are available on request

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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**
HO1N2-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
HO1N2-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