

## Arc welding cable with crosslinked elastomeric covering

# H01N2-D

**CEI EN 50525-2-81**  
**EN 50525-2-81**  
**Low voltage directive 2006/95/CE**  
**RoHS 2011/65/CE directive**

**IEMMEQU** ◁ HAR ▷



### Manufacturing characteristics

Stranded very flexible (class 6) bare copper, insulated crosslinked elastomer EM5 special quality and high resistance to abrasion, crushing and mechanical stress. Excellent resistance to weathering and ozone. It can operate in wet environments in the presence of oils and hydrocarbon vapors.

### Marking

Marking with special ink:  
 IRCE CAVI IEMMEQU ◁ HAR ▷ H01N2-D  
 <section><year><metric marking>

### Application - intended use

Ideal for the mobile connection between arc welders and related welding electrodes or forceps.



**Nominal voltage:**  
 $U_0/U = 100/100V$



**Operating temperature:**  
 maximum 85° C



**Minimum bending radius:**  
 4 x external diameter

Number of conductors nom. cross section area $n^\circ \times \text{mm}^2$	Strands conductor maximum diameter mm	Average insulation thickness mm	Average sheath thickness mm	Cable nominal weight kg / km	Max conductor resistance at 20° C Ohm / km	Max current carrying at 85° C (A)	
						continuous load 100%	intermittent load 60%
1 x 10	0,21	2,00	9,7	148	1,91	80	100
1 x 16	0,21	2,00	11,0	200	1,21	110	160
1 x 25	0,21	2,00	12,7	295	0,780	140	200
1 x 35	0,21	2,00	14,2	400	0,554	180	250
1 x 50	0,21	2,20	16,5	555	0,386	210	320
1 x 70	0,21	2,40	19,2	760	0,272	270	400
1 x 95	0,21	2,60	21,4	1020	0,206	330	500
1 x 120	0,51	2,80	24,0	1235	0,161	380	600
1 x 150	0,51	3,00	26,4	1520	0,129	440	700