

# ARC WELDING CABLES



- 1. Extra flexible conductor class 5
- 2. Separator tape (optional)
- 3. Elastomer insulation

**TYPE OF CABLE:** H01N2-D  
**VOLTAGE:** 100 V  
**SPECIFICATIONS:** HD 22.6

## Applications

Suitable for connections between the industrial welding power source and the electrode holder and the work piece.

NOMINAL AREA OF CONDUCTOR	MEAN OVERALL DIAMETER		NET WEIGHT (APPROX.)	MAXIMUM CONDUCTOR RESISTANCE DC 20° C	CONTINUOUS CURRENT RATING	VOLTAGE DROP
	MIN	MAX				
mm <sup>2</sup>	mm	mm	Kg/Km	Ω/Km	A	mV/A/m
1x10	7,7	9,7	155	1,91	96	2,45
1x16	8,8	11,0	225	1,21	130	1,56
1x25	10,1	12,7	320	0,780	173	0,998
1x35	11,4	14,2	420	0,554	216	0,709
1x50	13,2	16,5	575	0,386	274	0,493
1x70	15,3	19,2	795	0,272	341	0,348
1x95	17,1	21,4	1045	0,206	413	0,264
1x120	19,2	24,0	1305	0,161	480	0,206
1x150	23,1	28,9	1605	0,129	557	0,166

**Note:** The current rating is given for a duty cycle of 100% and ambient temperature 25° C. For different cycle the current rating is calculated with the formula:  $I_F = I_C \cdot F$ . For other ambient temperatures the correction factor is:

Temperature °C	15	20	30	35	40	45
Correction factor	1,09	1,04	0,96	0,91	0,87	0,82

