

# H01N2-D

Welding Cable

+80°C 100 V

**FIRST**CABLE



## Application

- Used for transmitting high currents from electric welding equipment to electro holder.

## Construction

- Conductor : Bare copperconductor, fine wire  
Stranding acc to IEC 60228 class 6 for size 6 mm<sup>2</sup> - 95 mm<sup>2</sup>  
and class 5 for size 120 mm<sup>2</sup> and above
- Insulation : Polychloroprene rubber outer sheath, oil resistant with black colour
- Working temp : -25°C to +80°C
- Rated Voltage : 100 V
- Test Voltage : 1000 V
- Bending radius : Approx. 12 x cable diameter
- Flame retardancy : IEC 60332-1

## Construction and Electrical Data

No. of core	Nom. Cross Section Area (mm <sup>2</sup> )	overall diameter	cable weight	DC Resistance at 20°C
		approx. (mm)	approx. (kg/km)	Conductor $\Omega$ / km
1	10	7.8 - 8.8	140	1.91
1	16	8.8 - 10.5	198	1.21
1	25	10.1 - 11.5	285	0.78
1	35	11.4 - 12.8	375	0.554
1	50	13.2 - 14.8	530	0.386
1	70	15.3 - 17.0	720	0.272
1	95	17.1 - 19.0	945	0.206
1	120	19.2 - 22.0	1195	0.161
1	150	21.1 - 28.0	1525	0.129