

H01N2-D

The special cable for welding.

DESIGN

Conductor

Electrolytic copper, class D (flexible), based on UNE 21027-6.

Separator

Polyester tape.

Outer sheath

Thermosetting rubber (type EM5). Black colour.

APPLICATIONS

The Topweld H01N2-D cable has been specially designed for transmitting high currents between the welding generator and the electrode. The high degree of flexibility makes using the welding tool easier and also keep knots from forming in the cable that could cause the internal conductor to break. It can also be used in automatic welding machines, transport belts, and production or assembly lines, for example in automobile assembly lines.



TOPWELD H01N2-D

DIMENSIONS

Cross Section (mm ²)	Diameter (mm)	Weight (Kg/km)	Maximum current for a 5 minute period				Voltage drop (V)
			100%	85%	60%	35%	
1 x 10	8,0	139	100	103	108	122	2,450
1 x 16	9,1	195	135	145	175	230	1,560
1 x 25	10,3	279	180	195	230	300	0,998
1 x 35	11,4	373	225	245	290	375	0,709
1 x 50	13,4	520	285	305	365	480	0,493
1 x 70	15,5	724	355	380	460	600	0,348
1 x 95	17,4	947	430	470	560	730	0,264
1 x 120	19,4	1.197	500	540	650	850	0,206
1 x 150	21,5	1.477	580	630	750	980	0,166
1 x 185	23,9	1.788	665	720	860	1.120	0,136

CHARACTERISTICS

- Extra flexible conductor, class D
- Minimum bending radius: 5 x cable diameter
- Outdoor installation: permanent
- Minimum service temperature: -25°C
- Meter by meter marking
- Water resistance: AD3 aspersion
- Maximum service temperature: 85°C
- Flame non-propagation
- Chemical & oil resistance: good
- Maximum short-circuit temperature: 250°C (maximum 5 s)
- Impact resistance: AG2, medium impact

INSTALLATION CONDITIONS

- Industrial use
- Welding

For further technical data please request this cable's technical datasheet.

Top Cable reserves the right to carry out any modification whatsoever without giving previous notice.