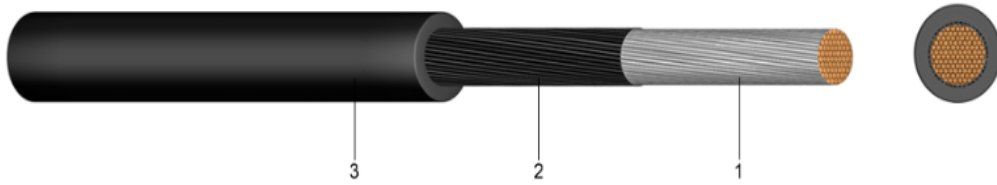


H01N2-D Cable



Construction

1. Conductor: Class 5 annealed stranded copper
2. Separator: Polyester Tape
3. Sheath: Rubber compound

Color: Black and Red

Applications

Designed for high-current transmission in manual and automated arc welding. Featuring a specialized oil-and-abrasion resistant sheath, this cable is ideal for mobile use under severe mechanical loads, such as in conveyor systems, machine tool manufacturing, and heavy industry sectors.

Standards

Product Standard: IEC 60245-6 (Rubber), EN 50525-2-81.

Conductor: IEC 60228 Class 5.

Oil Resistant: IEC 60811-404.

Flame Retardant: IEC 60332-1-2.

Environmental: RoHS 2011/65/EU & REACH Compliant.



Specification

Nominal Voltage	220/600 volts
Test Voltage	2500V AC/5 Min
Operating Temperature (Flexible)	-20°C to +85°C
Operating Temperature (Fixed)	-40°C to +85°C
Min. Bending Radius	6 x Overall Diameter (Dynamic use)
Sheath Properties	High resistance to cuts, tears, and industrial chemicals

Technical Data

Product number	Section (mm ²)	Core structure /mm	Sheath thickness (mm)	Min OD (mm)	Max OD (mm)	Max Conductor Resistance at 20	Rated current (A)
H01N2-D & H01N2-E Cable	10	322/0.20	1.8	7.7	9.7	1.91	8.3
	16	513/0.20	2	8.8	11.0	1.21	10.0
	25	798/0.20	2	10.1	12.7	0.78	11.4
	35	1121/0.20	2.2	11.4	14.2	0.554	13.0
	50	1596/0.20	2.2	13.2	16.5	0.386	15.0
	75	2214/0.20	2.4	15.3	19.2	0.272	17.0
	95	2997/0.20	2.6	17.1	21.4	0.262	19.0
	120	1702/0.30	2.8	19.2	24	0.161	21.2
	150	2146/0.30	3	21.1	26.4	0.129	23.7