



USE OF CABLE

flexible connecting cable from welding unit to welding electrode for high mechanical requirements in dry and humid rooms and for outdoor use. Also suitable for industrial welding e.g. automotive industries, shipbuilding, machine tool building and handheld electrodes e.g. in facilities or on construction lots.



SPECIAL FEATURES

- free from lacquer damaging substances and silicone (during production)

REMARKS

- conform to RoHS
- H01N2-E is highly flexible
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE

PRODUCT INFORMATION

Conductor material:	Bare or tinned copper strand
Conductor class:	Acc. to DIN VDE 0295 class 5/6 resp. IEC 60228 class 5/6
Outer sheath:	Special rubber-compound
Sheath colour:	Black
Rated voltage:	100 V
Testing voltage:	1 kV
Current-carrying-capacity:	Acc. to DIN VDE, see Technical Guidelines
Min. bending radius fixed:	D = 12 x d; E = 10 x d
Min. bending radius moved:	D = 12 x d; E = 10 x d
Operat. temp. fixed min/max:	-35 °C / +80 °C
Operat. temp. moved min/max:	-20 °C / +80 °C
Temp. at conductor:	+85 °C
Burning behavior:	Similar to IEC 60332-1-1 and IEC 60332-1-2
Standard:	Acc. to DIN VDE 0282 part 6

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3500001	1 X 10	7,7 - 9,7	96,00	140,00	black	V1: H01N2-D
3500005	1 X 16	8,8 - 11,0	154,00	200,00	black	V1: H01N2-D
3500008	1 X 25	10,1 - 12,7	240,00	280,00	black	V1: H01N2-D
3500009	1 X 35	11,4 - 14,2	336,00	380,00	black	V1: H01N2-D
3500010	1 X 50	13,2 - 16,5	480,00	550,00	black	V1: H01N2-D
3500011	1 X 70	15,3 - 19,2	672,00	800,00	black	V1: H01N2-D
3500012	1 X 95	17,1 - 21,4	912,00	1010,00	black	V1: H01N2-D
3500002	1 X 120	19,2 - 24,0	1152,00	1340,00	black	V1: H01N2-D
3500003	1 X 150	21,1 - 26,4	1440,00	1650,00	black	V1: H01N2-D
3500004	1 X 185	23,1 - 28,9	1776,00	1920,00	black	V1: H01N2-D
3500451	1 X 16	7,5 - 9,1	154,00	200,00	black	V2: H01N2-E
3500007	1 X 25	8,6 - 10,8	240,00	280,00	black	V2: H01N2-E
3500432	1 X 35	9,8 - 12,3	336,00	380,00	black	V2: H01N2-E
3500436	1 X 50	11,9 - 14,8	500,00	550,00	black	V2: H01N2-E
3500447	1 X 70	13,6 - 17,0	700,00	800,00	black	V2: H01N2-E
3500509	1 X 95	15,6 - 19,5	950,00	1010,00	black	V2: H01N2-E
3500013	1 X 120	17,2 - 21,6	1200,00	1340,00	black	V2: H01N2-E
3501129	1 X 150	18,8 - 23,5	1498,00	1650,00	black	V2: H01N2-E
3500040	1 X 240	26,8 - 28,4	2304,00	2390,00	black	V1: H01N2-D