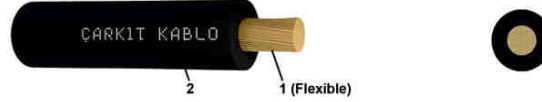


**Cable Type** : CABLES WITH CROSSLINKED ELASTOMERIC COVERING FOR ARC WELDING



CERTIFICATE/APPROVAL



### CABLE DESCRIPTION

#### CONSTRUCTION

STANDARD	:	EN 50525-2-81
( 1 ) CONDUCTOR	:	Class 6 flexible copper conductor according to EN 60228
( 2 ) INSULATION	:	Rubber compound, Type EM5 according to EN 50363-2-2

#### CHARACTERISTICS

OPERATING TEMPERATURE	:	-20°C / +85 °C
MAX. SHORT CIRCUIT TEMPERATURE	:	200 °C (max. 5 sec.)
NOMINAL VOLTAGE	:	100 V
MINIMUM BENDING RADIUS	:	6 x overall diameter

#### SHEATH COLOUR

● Black

#### FLAME RETARDANT

IEC 60332-1-2



#### APPLICATIONS

These cables are used as a connection to welding robots in the automotive industry, shipyards and for manually/automatically operated lines and spot welding. These cables are ideal for use as an interconnecting battery cable or in battery storage systems. The robust cable structure makes them resistant to low and high temperatures, ozone and radiation, oils, acids, fats and petrols.



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**CABLE DIAMETERS**

NUMBER AND NOMINAL CROSS-SECTIONAL AREA OF CONDUCTORS	MAXIMUM DIAMETER OF WIRES IN CONDUCTOR	THICKNESS OF INSULATION SPECIFIED VALUE	MEAN OVERALL DIMENSIONS		MAX. RESISTANCE at 20°C
			LOWER LIMIT $\phi$	UPPER LIMIT $\phi$	
mm <sup>2</sup>	mm	mm	mm	mm	$\Omega$ /km
<b>H01N2-D</b>					
10	0,21	2,00	7,70	9,70	1,91
16	0,21	2,00	8,80	11,00	1,21
25	0,21	2,00	10,10	12,70	0,78
35	0,21	2,00	11,40	14,20	0,554
50	0,21	2,20	13,20	16,50	0,386
70	0,21	2,40	15,30	19,20	0,272
95	0,21	2,60	17,10	21,40	0,206
120	0,51	2,80	19,20	24,0	0,161
150	0,51	3,00	21,10	26,40	0,129
185	0,51	3,20	23,10	28,90	0,106
240	0,51	3,40	25,80	32,10	0,0801

*Due to variables in production, the information on this data sheet is approximate and subject to change without any notice.*

