

DESIGN

Conductor

H01N2-D – Flexible annealed plain copper class 6 up to 95mm² and class5 from 120mm² upward

CEI EN/IEC 60228

Sheath color

Black, If specially requested, and agreed for the sheath can also be supplied in other single-colours (red-orange-blue)

Sheathing Material

Rubber type EM5



APPLICATIONS

Single core extra-flexible arc welding cables, plain copper conductor with rubber sheath.

CHARACTERISTICS

Flame Retardant	CEI EN/IEC 60332-1-2
Temperature on Conductor	85°C
Short Circuit Temperature	250°C
Min. Usage Temperature	-35°C
Tensile	1.5 KG/mm ²
Nominal Voltage	100/100 V
Min. Bending Radius	4:8 x Ø
Standards	CEI EN 50525-1; CEI EN 50525-2-81; CEI 20-107-1; CEI 20-107-2-81; CEI EN/IEC 60228; CEI EN/IEC 60332-1-2;

DIMENSIONS – H01N2-D

Part Number	Cross Section (mm ²)	Conductor Wires (mm)	Sheath Thickness (mm)	Diameter Min / Max (mm)	Weight (Kg/Km)	Max. Electrical Resistance (20°C) (Ohm/Km)
56004 56104	1x10	0.21	2.0	7.7 / 9.7	135	1.91
56005 56105	1x16	0.21	2.0	8.8 / 11.0	198	1.21
56006 56106	1x25	0.21	2.0	10.1 / 12.7	285	0.780
56007 56107	1x35	0.21	2.0	11.4 / 14.2	385	0.554
56008 56108	1x50	0.21	2.2	13.2 / 16.5	550	0.386
56009 56109	1x70	0.21	2.4	15.3 / 19.2	750	0.272
56010 56110	1x95	0.21	2.6	17.1 / 21.4	1015	0.206
56011 56111	1x120	0.51	2.8	19.2 / 24.0	1250	0.161

** The product and information presented in this document are for calculation only and subject to technical progress. Outer diameters are approximately **